DEVOTED TO THE ADVANCEMENT OF THE GUERNSEY

Guernsey Breeders' Journal

VOLUME 41 JUNE 1 NUMBER 11

WHO'S WHO

Leon F. Whitney is the author of the second installment of the A B C of Breeding. Mr. Whitney is executive secretary of the American Eugenics Society and is a prominent breeder and research man.

Of course the report of the annual meeting has no author but is given verbatim as it happened in Chicago.

Arthur Delamarter, the writer of the article on "Guernseys Enter Albania," is director of the boys' farm school at Kavaja, Albania. With the pictures and the write-up appearing in this Journal it gives American breeders an interesting bit of Guernsey development.

WHAT'S COMING

Sales

Speculation is rife regarding this year's sales. In former years it has been possible to make a rough guess as to somewhere near what animals might bring at public auction, but because of the fact that during the month of May there were over 750 head offered at auction it has most of the old timers guessing. The National Sale bringing $334 as against $491 last year may be some indication of what to expect.

Every breeder of Guernseys will be interested to secure the Journal of June 15 to see what has happened at the Chester County Sale, Coventry-Florham Sale, Chestnutwold Dispersal, Emmadine Farm Sale, George White's Sale, Highland Farms Dispersal, and several others that will be reported in that particular issue. Many have contended that an auction sale is a good indicator of prices. While this may or may not be true, there is no question but what after the month of May, when over 750 animals have been sold over the block, that all can draw their conclusions as to the price of Guernseys for 1932 and 1933. Usually the National sets the price, although last year it failed to do so.

Contents

FEATURE ARTICLES

The National Guernsey Sale—By C. W. Robinson 575
Report of Annual Meeting 577
Guernseys Enter Albania—By Arthur Delamarter 588
Georgia's First Field Day—By H. C. Bates 590
Shorewood Farm Herd Dispersal—By C. B. Finley 591
ABC of Breeding—Chapter II.—By Leon F. Whitney 592
Moose Valley Farm Dispersal—By C. B. Finley 595

GENERAL NEWS

Here and There 573
Berkshire Breeders Meet 587
Vernon Stewart Started Guernsey Herd on 25¢ 587
Baumgartner Cows Given Publicity 597
Advanced Register Notes 599
Guernsey Owners Meet at Banquet 600
Madison Breeders Elect 601
Cow Testers Convene 601
Central Pennsylvania Testing Association 601
Thorp Herd High 601
Bulls in North Carolina 601
Wood County Breeders Meet 601
Advertising By Mail 607
Venango County, Pennsylvania 607
Plotner Places Twice 627
Vance Herd Leads 627
Green Meadow Bull Dies 627
News Briefs 628
One of the Many Plants Selling Golden Guernsey Milk Under the National Trademark 629
English Sales 632
Pennsylvania Associations 632
Vermont Dairy Testers Meet 632
South Carolina Club Chartered 632
A Large Calf 632
Guernsey High Producer A–1
Guernseys Lead in Sand Creek D. H. I. A. A–1
Beck Elected Secretary A–1

DEPARTMENT INDEX

Editorial Comment—H. I. Records on Lactations, Milk Prices Settled ... 596
Our New Class Leaders:
Roughwood Belle 256963 598
Dunwalke Yellow Squaw 268299 598
Approved Records 601
Herd Improvement Records 606
What the Cows Are Doing 608
Junior Guernsey News 630

Copyright, 1932, by The American Guernsey Cattle Club

Published the first and fifteenth of each month by The American Guernsey Cattle Club at Peterboro, New Hampshire

Subscription Price: Per Year $2.00

Karl B. Musser	Secretary-Treasurer, Editor
Lincoln R. Lounsbury	Journal Division, Managing Editor
C. M. Cummings	Advanced Register Division
W. A. Knowles	Accounting Division
Elsworth Bunce	Information and Service Division
E. L. Safford	Herd Register Division

Field Representatives

H. C. Bates, 231 Healey Building, Atlanta, Georgia
C. B. Finley, Room 203, Gorham Building, Minneapolis, Minnesota
R. L. Holden, 500 North Salisbury Street, West Lafayette, Indiana
C. W. Robinson, Room 326, Corbett Building, Portland, Oregon

Milk Marketing Representative

W. W. Fitzpatrick, Clemson College, South Carolina

Entered as Second Class Matter December 15, 1909, at the Post Office at Peterboro, New Hampshire, under act of March 3, 1879. Acceptance for mailing special rate of postage provided in section 1103, Act of October 3, 1917; authorized August 9, 1918.

Junior Herd Sire at Florham

SIRE

Langwater Pharaoh 98719

Sire of

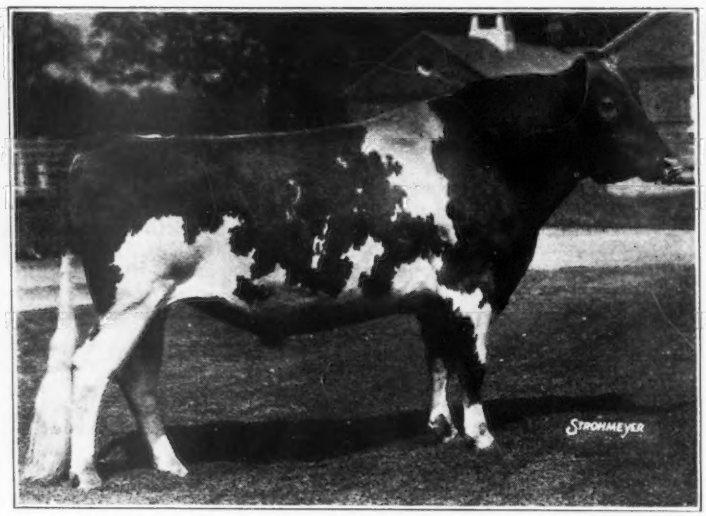
Langwater Meadow Sweet 283997
645.7 lbs. Fat in F

Langwater Flirt 283999
644.1 lbs. Fat in G

Langwater Gardenia 2d 283995
614.3 lbs. Fat in F

Langwater Iris 204360
603.5 lbs. Fat in E

Langwater Prophetess 244735
593.1 lbs. Fat in F



DAM

Imp. County Flower of Langwater 149216

Isl. A. R.
7963.0 lbs. Milk, 408.7 lb. Fat in G

A. R. 17573
14166.8 lbs. Milk, 662.5 lbs. Fat in A

Dam of Langwater Country Flower 204359
15106.3 lbs. Milk, 790.4 lbs. Fat in A, unofficial

10536.1 lbs. Milk, 580.7 lbs. Fat in F

Langwater Country Gentleman 141686

His first daughter to freshen at Florham is now on test and has milked 55 lbs. per day—testing 4.46% Butter Fat.

We are offering a son of Langwater Country Gentleman 141686 that is out of Florham Early Rose 255230 - 11620.4 lbs. milk, 554.8 lbs. fat in G - on retest in D has made 8854.3 lbs. milk and 400.4 lbs. fat in 182 days. Florham Early Rose 255230 is a daughter of Langwater Star Gazer 60164 whose daughters have made such remarkable records and out of Pencoyd's Secret Rose 74627 - 753.8 lbs. fat in AA, 687.3 lbs. fat in A, and 515.6 lbs. fat in FF.

Federal Accredited ***Abortion Free***

FLORHAM FARM

Madison - New Jersey

MISS RUTH V. TWOMBLY, ***Owner*** **R. H. ALLEN,** ***Manager***

Here And There....

Many have thought that the raising of pure bred stock was a gamble, but did not know how to figure their odds. The South Carolina Guernsey Cattle Club at its recent sale advertised the odds and asked whether you would like an odd of one in twenty or one in eighty.

"This depression will be over before eighty per cent of the people know it. Twenty are industriously busy preparing for better times. Eighty will still be bemoaning their own fate and the other fellow's good fortune. Fortunes and independence are built on faith and the intestinal fortitude to stick on the job when the other fellow has given up. These twenty have faith—they are improving their land and their buildings—buying real estate, stocks, bonds, good livestock—they are laying the foundation. When better times have finally and impressively arrived—which they will—the eighty will want to buy at a high price what the twenty acquired at a low price."

They say that everything is in a name and also that there is a rule as to the number of letters that might be used in a name in registering Guernsey cattle. Out in Snohomish County, Washington, this rule has been ignored for there was clipped from the Arlington Times the following name, "Star's known isshrdlushrdlushrdlushrdlucmfwyp Prince of Maple Hill."

There are eight sires in the breed with more than fifty Advanced Register daughters. They include Governor of the Chene (R. G. A. S. 1297 P. S.), with 114 Advanced Register daughters; Yeoman's King of the May 17053, with 110; Langwater Demonstrator 16451, with seventy-seven; Imp. Masher's Sequel 11462, with seventy; Florham Laddie 20431, with sixty-nine; Imp. Clara's Sequel 29414, with sixty-six; Langwater Foremost 39191, with sixty-six, and Imp. Galaxy's Sequel 16904, with fifty-three.

While, of course, we are always interested in our own annual meeting, on the publishing date of this issue the Holstein-Friesian Association will hold its forty-seventh annual convention at Madison, Wisconsin.

The college photographer of Kansas State Agricultural College, Manhattan, recently photographed the large colored lithographed true type pictures and as a result we now have two excellent photographs of unusual merit at the Central Office. By the way, these photographs will be placed in a new judging bulletin that J. B. Fitch is preparing.

Despite the trend of the times Guernseys have been more popular than in any other single year. The Division of Information and Service received 23,075 keyed replies, or nearly 11,000 more than in any previous year. Evidently there is some truth in the fact that hard times make people think.

The fifty-eighth annual meeting of the Ayrshire Breeders' Association will be held at Cornell University, Ithaca, New York, on June 8.

Field representatives of The American Guernsey Cattle Club increased their activities during the past year. They visited 2,093 farms, wrote over 8,000 personal letters, and among the great variety of services rendered to the breeders, helped form eight breeders' organizations and reorganize thirteen others. This was only a small portion of their field work.

Milk recording began in Scotland in 1903, and today Scotland has a bigger production of officially recorded cows than any other country except Denmark, where recording began at an earlier date and where conditions are more favorable for its development.

The Canadian Guernsey Breeders' Association reports that there were 1,002 registrations and 631 transfers handled during the year 1931. Most of the activity was in the provinces of Nova Scotia, Ontario and British Columbia, although Prince Edward Island rated fourth in transfers and fifth in registrations.

The sixth national 4-H club camp will be held in Washington, D. C., from June 15 to 21. Each state may send two boys and two girls, with two extension workers.

"America's Table Milk," Golden Guernsey, is becoming more popular. In 1931 there were fourteen and three-quarter million quarts of Guernsey milk sold under the National Label. There is no doubt but what the buying public is becoming "Guernsey-minded." When the national advertising begins in the September issue of Good Housekeeping there will be more milk sold under the label. It is interesting to know that New York sold 4,233,800 quarts during the year, while Wisconsin sold 2,664,280; Ohio, 2,418,600; New Jersey, 1,093,760; Massachusetts, 280,270; Pennsylvania, 233,880, and Indiana, 172,500.

The Pacific Northwest has always been noted for its scenic beauty and its lumbering industry, but in a recent commercial survey agriculture and livestock has equaled lumbering. The annual income for both of these industries for the past year was $400,000,000. Marketing is quite a problem, for the territory covers nearly ten per cent of the country's total land area and contains less than three per cent of the total population.

Breeders are taking advantage of the two and five year subscription plan that is now being used by the Journal. Since this rate was inaugurated in June of last year, fifty-four per cent of all subscriptions have been either for two or five years, and thirty-five per cent of all renewals have been for a like time.

The sale of Guernseys in England is continuing very satisfactorily. There is an ever increasing demand for pedigreed and non-pedigreed Guernsey cattle.

Advanced Register sires are increasing quite rapidly as shown by the fact that there were 395 additions from April, 1931, to March, 1932. By the way, this makes 5,088 Advanced Register sires.

The young enthusiast is turning to Guernseys, for the boys' and girls' calf club membership increased from 5,340 to 5,880 during the past year.

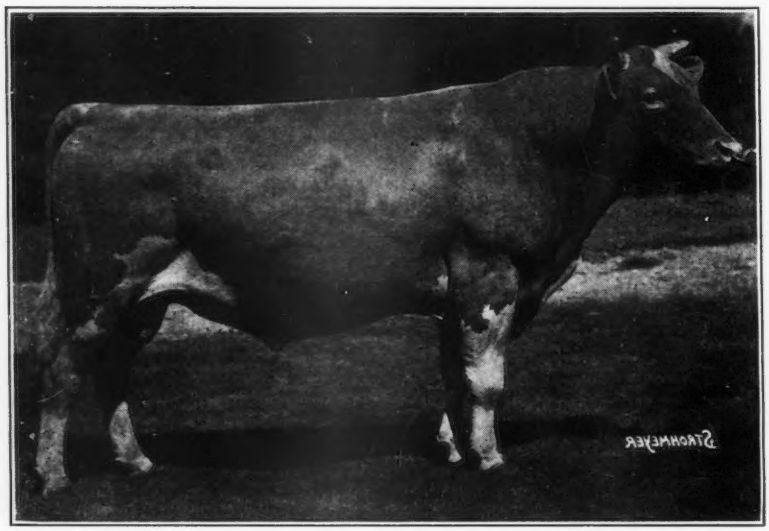
(Please turn to page 587)

Four two year old daughters of Rockingham Royal Holliston 112267

Daughters of Rockingham Royal Holliston 112267 are coming into their own

Rockingham Royal Violet 251019		9024.8	450.8	GG
	142 days	4615.2	224.83	A
Rockingham Royal's Betty 222398		10408.9	489.3	G
		12753.4	626.6	C
Rockingham Royal Daisy 248596		6486.1	343.5	FF
Rockingham Ada 302212		11177.0	569.8	G
	113 days	5258.5	241.47	D
Rockingham Royal Lady 350737	67 days	2304.1	100.39	F
Rockingham Mistletoe 339775	223 days	6875.6	271.12	G
Rockingham Royal Choisie 350738	67 days	2083.6	101.83	G

Their Sire



Rockingham Royal Holliston 112267

Sired by Langwater Holliston 28055, 53 A. R. daughters including Rockingham Francaise 256675, 739.7 lbs. fat, C; Rockingham Maid 94933, 820.4 lbs. fat, D. His progeny have won prizes in the show ring.

His dam is Brilliant Lassie 86452

Long distance champion of the breed.

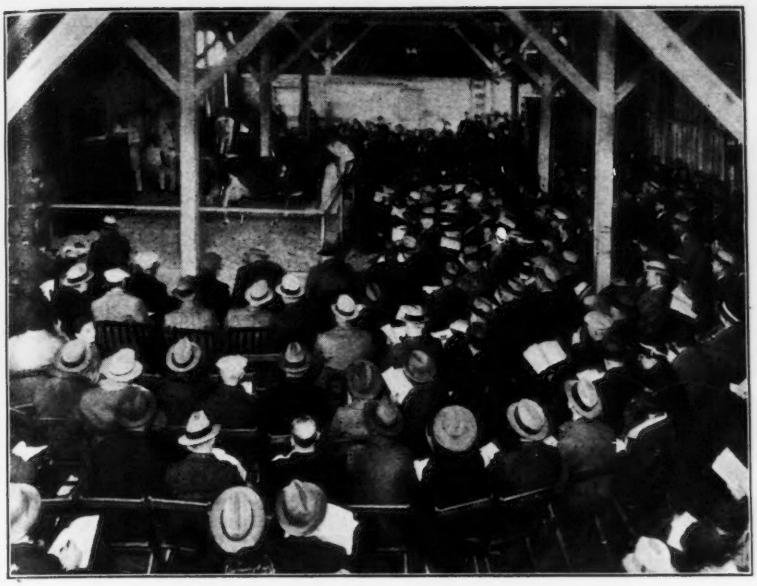
Her 10 consecutive records average 653 lbs. fat.

Rockingham and Greycourt Farms

Salem, New Hampshire **Methuen, Massachusetts**

Federal Accredited and subject to Agglutination Test for Infectious Abortion

C. E. TISDALE, *Mgr.*—Address correspondence to D. G. TENNEY, *Owner*, 535 Fifth Avenue, Room 1002, New York City



A view of the ringside crowd at the National Guernsey Sale. Loma Sweetheart 246169 may be seen in the ring.

The National Guernsey Sale

Sixty Animals Bring A Total Of $20,045, An Average Of $334.08

THE fourteenth National Guernsey Sale was held at the Chicago Guernsey Farm, Hinsdale, Illinois, on May 12. In opening the sale, Charles L. Hill, sale manager, reviewed the history of the National Sales since F. Lothrop Ames endorsed the idea of holding such a sale in the Middle West in 1918. There were seventy entries, sixty of which were there at the sale and sold for a total of $20,045, or an average of $334.08.

This sale, as usual, was of national distribution, the consignments coming from thirty-five different consignors located in nineteen states. These animals were purchased by twenty-five buyers in ten states and Japan. Of especial interest in the sale was the purchase by S. Furuya, Tokio, Japan, of Rockingham Royal Sequel 199233 that will be shipped to Japan. This is the first time that an animal in the National has been shipped to the Orient.

The top of the sale was a female, Tianna's Chelone 277044, by High Point Maximus 113634 and out of Frissdale's Elsie 104802, consigned by J. E. Andrus, Jr., Tianna Farm, Walker, Minnesota, and purchased by Boulder Bridge Farm, Excelsior, Minnesota, for $750. The second high animal in the sale, and the top of the males, was Lockshore Conclave 183197, sired by Shuttlewick Apollo 139253 and out of Glory of White Farms 172561, consigned by R. F. Locke, Lockshore Farm, Cressey, Michigan, and purchased by Howard Heinz, Sharpsburg, Pennsylvania, for $725.

Second high female was Chief's Lady Laura of Guernsey Farms 186925, consigned by St. James Farm, Naperville, Illinois, and purchased by W. E. Montgomery, Montour, Iowa, for $675. Rockingham Gay Girl 256496, consigned by D. G. Tenney, Rockingham Farm Salem, New Hampshire, was purchased for $610 by William Nelson Pelouze, Alta Vista Farm, Lake Geneva, Wisconsin. Boulder Bridge Emerita 340049, by Langwater Waldorf 128541 and out of Lassie's La Noce 199173, consigned by Boulder Bridge Farm, Excelsior, Minnesota, was purchased for $600 by Mrs. F. L. Weyenberg, Thiensville, Wisconville.

Heavy Buyers

H. C. HORNEMAN, Danville, Illinois, was the heaviest buyer at the sale, securing eight head for $2,665. He was followed closely by John Sullivan, Prairie View, Illinois, who secured nine head for $2,485, and Mrs. F. L. Weyenberg, Thiensville, Wisconsin, who secured six head for $2,575. Seven head went to W. E. Upjohn, Kalamazoo, Michigan, for $1,480, while E. C. Welch, Antioch, Illinois, purchased four head for $1,285, and Boulder Bridge Farm, Excelsior, Minnesota, secured two head for $1,075.

Buyers' Distribution

THERE were eleven buyers from Illinois who purchased thirty-one head for $9,265, and four from Wisconsin buying in nine head for $3,695. Michigan and Indiana had two buyers each, with one each from Pennsylvania, Minnesota, Oklahoma, Iowa, Mississippi, Louisiana and Japan.

The sales list follows, giving the name of the purchaser, the animal purchased, the price received and the name of the consignor:

Everett R. Beaty, Huntington, Indiana
Cascade Onyx 306648 $230
J. T. Richey, Boring, Oregon

Boulder Bridge Farm, Excelsior, Minnesota
Tianna's Chelone 277044 750
J. E. Andrus, Jr., Walker, Minnesota
Shorewood Dame 324209 325
D. D. Tenney, Crystal Bay, Minnesota

Tom Cooper, Ardmore, Oklahoma
Ruth Mary Rose of Mills Center 300368 400
Cleo Hoy, Roca, Nebraska
Gayoso King's Dairymaid 356371 225
Gayoso Farms, Horn Lake, Mississippi

Joseph Dain, Moline, Illinois
Dunwalke Buttercup's Valentine 253065 225
Dunwalke Farm, Far Hills, N. J.

Fred Dieckhoff, Hinsdale, Illinois
Dunwalke Valentine's Maid 282153 220
Dunwalke Farm, Far Hills, N. J.

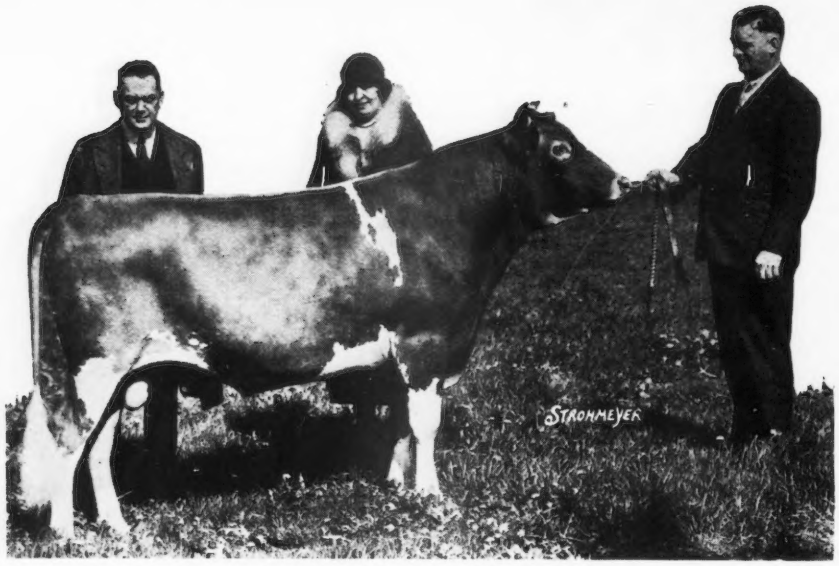
C. H. Dunaway, Monroe, Louisiana
Loma Count 180623 (Bull) 325
Loma Farms, Marquette, Michigan

S. Furuya, Tokio, Japan
Rockingham Royal Sequel 199233 (Bull) 375
D. G. Tenney, Salem, N. H.

Gayoso Farms, Horn Lake, Mississippi
Cooper's Marcander 196084 (Bull) 450
Tom Cooper, Ardmore, Oklahoma

Howard Heinz, Sharpsburg, Pennsylvalia
Lockshore Conclave 183197 (Bull) 725
R. F. Locke, Cressey, Michigan
Langwater Jean 351411 550
John S. Ames, North Easton, Massachusetts

H. C. Horneman, Danville, Illinois
Andrew's Golden Fawn 221546 235
W. E. Montgomery, Montour, Iowa
Loma Anna 296104 260
Loma Farms, Marquette, Michigan
Beauty's Gold Belle 306282 310
James B. Robertson, Paoli, Pennsylvania
Rose of Feura Bush 235989 325
T. F. Branson, Anselma, Pennsylvania
Elm Farm Ollie 273490 325
Sunnymede Farm, Bismarck, Missouri



Lockshore Conclave 183197, top bull, that was consigned by Lockshore Farm, Cressey, Michigan, and purchased by Howard Heinz, Sharpsburg, Pennsylvania, for $725. In the background may be seen Mr. and Mrs. R. F. Locke and Floyd Hartzell, manager of Rosemount Farm

Elm Farm Lassie 300286 350
Sunnymede Farm, Bismarck, Missouri
Claymore's Marcella 199967 300
Mrs. F. D. Stout, Angus, Wisconsin
Grassland Quadrine 257198 560
Grassland Farms, Taconic, Connecticut

Joseph B. Kleinhans, Chicago, Illinois
Franchester Sepoy 191331 (Bull) 350
Chester C. Bolton, South Euclid, Ohio

J. H. Langstaff, Fairbury, Illinois
Beechwood Rameses' Jessie 289035 235
Ralph E. Flinn, Sharpsburg, Pennsylvania

George W. McKerrow and Sons Company, Pewaukee, Wisconsin
Anita of Hurley-hurst 223753 210
A. P. Irwin, Chadds Ford Junction, Pennsylvania

W. E. Montgomery, Montour, Iowa
Chief's Lady Laura of Guernsey Farms 186925 675
St. James Farm, Naperville, Illinois

William Nelson Pelouze, Lake Geneva, Wisconsin
Rockingham Gay Girl 356496 610
D. G. Tenney, Salem, New Hampshire

Est. Minnie Remington, Indianapolis, Indiana
Overseer's Emily 317366 300
Ebba V. Krebs, Wilmington, Delaware

W. S. Ridgly, Decatur, Illinois
Betty's Janet 224103 300
A. P. Irwin, Chadds Ford Junction, Pennsylvania
Hilltop Teddy R.'s Honeymoon 222846 200
George M. Hendee, Suffield, Connecticut
Grassland Hortine 230770 275
Grassland Farms, Taconic, Connecticut

J. F. Shallenberger, Chicago, Illinois
Loma Sweetheart 246169 200
Loma Farms, Marquette, Michigan
Langwater Bonanza 164695 (Bull) 525
Mrs. F. D. Stout, Angus, Wisconsin

John Sullivan, Prairie View, Illinois
Avalawn's Mazie 319780 375
Friedrichs Brothers, Burlington, Washington
Faith of Highland View 185092 300
E. H. Knutzen, Burlington, Washington
Loma Doris 296103 200
Loma Farms, Marquette, Michigan
Mary of Pennbrook 181847 210
W. S. Sheehan, Kennett Square, Pennsylvania
Atamannsit Trillium 241700 275
Thomas F. Branson, Anselma, Pennsylvania
Rockingham Vampire 356495 225
D. G. Tenney, Salem, New Hampshire
Addie of Chicona 278128 200
A. L. Gile, Chinook, Washington
Franchester Satisfaction 292724 275
Chester C. Bolton, South Euclid Ohio

W. S. Sullivan, Prairie View, Illinois
Caumsett Farm Maiden 272814 425
Caumsett Farm, Huntington, Long Island, New York

W. E. Upjohn, Kalamazoo, Michigan
Fay of Fir Ridge 324857 175
Hart and Gammeltoft, Roy, Washington
Gayoso Squire's Ina 341667 170
Gayoso Farms, Horn Lake, Mississippi
Beechwood Rose Queen 335020 180
Ralph E. Flinn, Sharpsburg, Pennsylvania
Langwater Beau 199065 (Bull) 325
John S. Ames, North Easton, Massachusetts
Boulder Bridge Flora 359130 210
Boulder Bridge Farm Company, Excelsior, Minnesota
Fellowship Autocrat's Solstice 318925 220
Thomas F. Branson, Anselma, Pennsylvania
Gallant's Maid of Mission Farm 233056 200
Gaylord Guernsey Farms, Oklahoma City, Oklahoma

John L. Waddell, Decatur, Michigan
Helendale Floss 267710 275
William A. Erbach, Athens, Wisconsin

E. C. Welch, Antioch, Illinois
King's Coral of Traymore 231829 400
Gayoso Farms, Horn Lake, Mississippi
Gayoso Actor's Lady Peggy 188647 300
Gayoso Farms, Horn Lake, Mississippi
Hilltop Que Vive Madge 308718 285
George M. Hendee, Suffield, Connecticut
Dunwalke Rose of the Desert 301180 300
Dunwalke Farm, Far Hills, New Jersey

Wern Farms, Waukesha, Wisconsin, and Lee Burlingham, Dousman, Wisconsin
Corium Slogan's Muiroc 197139 (Bull) 300
F. J. Rueping, Fond du Lac, Wisconsin

(Please turn to page 597)

Tianna's Chelone 277044, high female, that was consigned by J. E. Andrus, Jr., Tianna Farm, Walker, Minnesota, and purchased by Boulder Bridge Farm, Excelsior, Minnesota, for $750

Report Of Annual Meeting

The American Guernsey Cattle Club

THE annual meeting of The American Guernsey Cattle Club was held at the Sherman Hotel, Chicago, Illinois, Wednesday morning, May 11, at ten o'clock, the president, Robert Scoville, presiding.

CHAIRMAN SCOVILLE: Will the meeting come to order, please?

Will you please listen to the reading of the call for this meeting by the Secretary?

THE SECRETARY: The following is the call for this meeting.

April 9, 1932

Members of
The American Guernsey Cattle Club

Gentlemen:

The fifty-fifth annual meeting of The American Guernsey Cattle Club will be held at The Sherman Hotel, Chicago, Illinois, Wednesday, May 11, 1932, at the hour of ten A. M.

The business of the meeting will be to act upon:

The election of officers; the reports of the Secretary-Treasurer; any recommendations of the Executive Committee, and all matters relating to the welfare of the Club and its work.

Yours very truly,
THE AMERICAN GUERNSEY CATTLE CLUB
(Signed) Karl B. Musser, Secretary.

CHAIRMAN SCOVILLE: The Executive Committee appointed a committee on proxies, consisting of S. M. Shoemaker, William H. Caldwell and John S. Clark. Any person in the room having proxies that they wish to vote, that have not yet been passed upon by the committee, will please present them at once.

The next business is the report of the Secretary, read in condensed form and published at greater length in the Guernsey Breeders' Journal for May 15, 1932.

CHAIRMAN SCOVILLE: You have heard the report of the Secretary. Has any one any questions or comments? I can assure you that the entire report, of which only a part was read to you, will be well worth reading and I hope you will all read it when it becomes available.

If there are no comments or questions we will proceed with the report of the Treasurer, also read in synopsis and published in greater detail in the May 15 Journal.

CHAIRMAN SCOVILLE: You have heard the report of the Treasurer. The Treasurer's report has been audited by a firm of chartered accountants and in addition to that we have adhered to the old custom of appointing an Auditing Committee, of which Charles L. Hill and George M. Hendee are the two members. Mr. Hill is the only one present.

Will you make the report of the auditors, Mr. Hill?

MR. CHARLES L. HILL:

Rosendale, Wisconsin
May 7, 1932

To the Members of
The American Guernsey Cattle Club
Gentlemen:

I have made a careful analysis of the Treasurer's Report for the fiscal year 1931 and 1932 and also a study of the report of the auditors, Messrs. Scovell, Wellington and Company.

I think, considering the financial depression and the prices for dairy products, that this is a rather remarkable showing.

The report shows a remarkable readjustment of the expenses to the income throughout the year, and this report means that someone has been giving this a most detailed and careful supervision during the year.

Mr. Musser should be complimented on this report.

Perhaps the most remarkable showing of the whole proposition is the fact that the Guernsey Breeders' Journal, in spite of the great falling off in advertising, has been able to keep its expense within $2,000 of the income.

It should not be forgotten that the showing that the Journal has been making in the last few years has been very remarkable, and people who are in the publishing business have from time to time remarked about it as being a very wonderful achievement.

Very truly yours,
(Signed) CHARLES L. HILL
Chairman

There is only one thing the matter with this report and that is that it is exactly the same thing that I said last year. I copied this from last year's report. (Laughter.) I made one change and there should be another. I changed the year from 1930 and 1931 to 1931 and 1932. In last year's report I said that the Journal has been able to keep the expenses within $2,000 of its income and this year they kept it within $1,000 of the income. I did not change that, as I should have done.

Now it is remarkable because of the fact, still more remarkable this year, that while we had a depressed price for dairy products last year, that butter has gone down from twenty-eight or thirty cents to eighteen cents, and cheese in proportion, to think that they could have still made that record with the Guernsey Breeders' Journal, when the expenses last year were $62,000 and this year it has been reduced to $46,000 and still they have kept the Journal up to its same high class, with that great loss of advertising, and the expenses have been kept within the income, and I think that probably we better look out or somebody else will try to get Karl away from us.

At the risk of repetition—I notice that I use the work "remarkable" a number of times—however remarkable it was last year, it is still more remarkable this year.

This letter was received from Mr. Hendee:

May 6, 1932

Mr. Karl B. Musser, Treasurer
American Guernsey Cattle Club
Sherman Hotel, Chicago, Illinois.

Dear Mr. Musser:

I have received the copy of the Treasurer's report of The American Guernsey Cattle Club for the fiscal year ending March 31, 1932, and also the report of Scovell, Wellington and Company of their audit and examination of the accounts and financial records for the period above mentioned.

It is my recommendation that these reports be accepted.

Very truly yours,
(Signed) Geo. M. Hendee.

It is my recommendation that these reports be accepted.

CHAIRMAN SCOVILLE: You have heard the report of the Auditing Committee and also the Treasurer's report. We do not wish to deny you any information that you may

desire, but we have tried to avoid burdening you with a surplus of figures. If anybody has any questions they would like to ask, for further information, on either the Treasurer's report or the Secretary's report, we, of course, would be glad to answer to the best of our ability.

If not, I think a motion to accept the report of the Treasurer and the Auditor will be in order.

MR. GAGE E. TARBELL: It is so moved.

(The motion was duly seconded.)

CHAIRMAN SCOVILLE: It is moved and seconded that the report of the Treasurer and also the report of the Auditors be accepted. As many as are in favor, please say aye. Opposed, no. The ayes have it and it is so ordered.

Now, the next business is the election of officers. We elect a President, two Vice Presidents and three members of the Executive Committee.

My attention was called last night to the fact that we elected the second Vice President at a time when we wished to include our Canadian friend. You will recall that at the eighteenth annual meeting of The American Guernsey Cattle Club, held in Philadelphia on December 9, 1896, the Constitution was amended to include two vice presidents and, as a result, the Honorable Sidney Fisher, Minister of Agriculture to the Dominion of Canada, was elected as one of the vice presidents. We will have to elect a President, two Vice Presidents and three members of the Executive Committee.

MR. TARBELL: Mr. President, gentlemen of the Association: We all remember very well, Mr. President, that when you were elected to this office, one year ago, that you stated to the members that that would be your last year of service as President. No one doubted the fact that you meant what you said at that time. No one, however, could have assumed at that time that the economic conditions that were then so prevalent would be with us for another year. They have not only been with us for another year but, I believe, if anything, they are more severe, more strenuous today than they were one year ago.

At various times during the year you have mentioned to the Executive Committee or the members thereof your determination to retire at this time as President. I think your wishes were very generally accepted until very recently. There has been a growing feeling, which ripened yesterday into fruition, on the part of the members of the Executive Committee, to the effect that it would be a very serious thing for our Club, a very great mistake, if you did not consent to act as our President for at least another year, hoping that these conditions might be changed much for the better during that time.

I am very glad to tell the members that at a meeting yesterday of the Executive Committee this matter was taken up and discussed at length and it was the unanimous and earnest opinion of every member of the Executive Committee that the interests of this Club could only be best served by re-electing you to be our President for another year. (Much applause.)

And, Mr. President, I want to thank you for meeting that situation in just the way we expected you would. We have known, for all the years that you have been President, that the blood running through your veins, sir, was real red blood and that for 365 days in every year you could be counted upon to do that which you believe to be of greatest interest to The American Guernsey Cattle Club. And it was with that spirit that the President said to the Executive Committee that if that was their firm and united decision and if the Club wished him to continue another year he would, of course, accept our command.

And therefore, Mr. President, I have pleasure in moving your nomination for the office of President for another year by acclamation; that our rules should be suspended and that the Secretary be directed to cast one ballot for you as President.

Is that motion seconded?

(There were many seconds to the motion.)

MR. TARBELL: You have heard the motion, gentlemen. I will relieve our President, who is a very sensitive man, from the embarrassment of putting that motion, and ask that all who are in favor of his election for President for another year say aye. Contrary, no, if any.

(The motion was unanimously carried.)

MR. TARBELL: Mr. President, it gives me the very greatest of pleasure to declare you elected President of our organization for another year. Thank you. (Much applause.)

CHAIRMAN SCOVILLE: Well, gentlemen, I thank you once more for this vote of confidence, so to speak. I still think that my original decision to retire at this time was a wise one but I found that I was a minority. I do not want to create the impression of derserting under fire, so we are going to go ahead for one year more.

In this connection, since Mr. Tarbell omitted to announce it, I am very glad to say that Mr. Babson has consented to serve as Chairman of the Executive Committee for this year, and, in that way, it relieves me of the work, more or less, between meetings, which does take some time of the President. I have had to ask that because I am going abroad in about a month's time, to be gone for some six months or so and in these critical times it would be hardly fair to leave the organization without some one who Mr. Musser could turn to for advice and guidance on these many problems that are constantly being forced upon him.

I forgot to ask for the report of the Proxy Committee before the vote was taken. I suppose we ought to have that now. Mr. Shoemaker.

MR. S. M. SHOEMAKER: Mr. Caldwell has the report.

CHAIRMAN SCOVILLE: Mr. Caldwell, will you read the report of the Proxy Committee?

MR. WILLIAM H. CALDWELL: There have been 660 proxies turned in. Of this number, sixty-seven have been set aside, fifty-six of that sixty-seven because there were duplicate proxies of a more advanced date handed in. The other eleven are held by men who are not here today, which leaves 593 voting proxies. Of this number 180 have been sent in to the office or to the Executive Committee on the blue forms. This leaves 413 proxies held by individuals. Those are as follows:

John S. Ames	5
John Endicott	21
Robert Scoville	1
D. D. Tenney	4
S. M. Shoemaker	5
G. E. Tarbell	5
George M. White	2
Tom Cooper	1
Charles L. Hill	8
J. L. Hope	47
R. E. Flinn	94
L. B. Stevens	77
John S. Clark	82
Dr. C. L. Brown	27
A. L. Gluek	29
Louis McL. Merryman	5

CHAIRMAN SCOVILLE: You have heard the report of the Proxy Committee.

Now we will proceed with the election of two officers. Our present Vice Presidents are Mr. Caldwell and Mr. Whitney. Mr. Whitney has refused to stand for re-election.

Will you please make your nominations for two Vice Presidents?

MR. J. L. HOPE: Mr. President, I wish to nominate Mr. Caldwell to succeed himself.

CHAIRMAN SCOVILLE: You have heard the nomination of Mr. Caldwell to succeed himself as Vice President.

(The motion was duly seconded.)

CHAIRMAN SCOVILLE: Do you wish to nominate further for the office of First Vice President? If not, there being only one candidate, a motion for the Secretary to cast a ballot would be in order.

It is moved that the Secretary cast a ballot for Mr. William H. Caldwell for Vice President. Those in favor of that motion say aye. Those opposed, no. The ballot has been cast and Mr. Caldwell has been elected First Vice President.

You still have another vacancy to succeed Mr. C. L. A. Whitney.

Well, there being no nomination for Vice President for the moment, we will proceed with the election of three members of the Executive Committee. We will nominate later for Vice President.

The three members whose terms of office expired are F. K. Babson, John S. Ames and J. L. Hope.

MR. CHARLES L. HILL: I would like to have the privilege of nominating these three gentlemen to succeed themselves and move you that the rules be suspended and the Secretary cast the unanimous ballot for these three gentlemen.

CHAIRMAN SCOVILLE: It is moved and seconded that the rules be suspended and the Secretary be instructed to cast one ballot for Messrs. Ames, Babson and Hope for the term of three years.

MR. TARBELL: Mr. Chairman, in seconding that motion I have a great deal of pleasure in advising the members present that upon the very earnest request of the members of the Executive Committee, Mr. Babson consented, as the President has indicated briefly, to act as Chairman of the Executive Committee at this time. I presume it would be conceded by the members of the Club that the three men who have just been placed in nomination, have a standing in the Executive Committee and in the hearts of the membership of this Club that is probably not exceeded by any other three members of the Executive Committee.

And under those circumstances it gives me much satisfaction to add a second to Mr. Hill's motion.

CHAIRMAN SCOVILLE: Do you wish to remark further?

If not, there is a motion by Mr. Hill that the Secretary be instructed to cast one ballot for these three members. All in favor, please say aye. Opposed, no. The ayes have it and it is so ordered.

The ballot has been cast and I declare those three gentlemen elected members of the Executive Committee.

Will you nominate for one of the vacancies for Vice President?

MR. R. E. FLINN: Mr. Chairman, I would like to nominate Mr. Charles L. Hill.

(The nomination was duly seconded.)

MR. CHARLES L. HILL: No, thank you, gentlemen. I am reminded of what happened once when you nominated Mr. Shoemaker. He got up and said that that was the place where you put people on the shelf and he was not willing to be placed there. I thank you, gentlemen, but I cannot accept it. This is my thirty-fifth year without missing a meeting of the Guernsey Cattle Club and I am going to keep right on.

CHAIRMAN SCOVILLE: Well, there is only one nomination before the meeting and he has withdrawn his name but we can put it, I suppose. You have heard the motion that the Secretary cast one ballot for the election of Mr. Charles L. Hill as Vice President. As many as are in favor, please say aye. Opposed, no. The ayes have it and Mr. Hill is elected.

MR. HILL: I accept because I know that the speech I made has made it impossible to get anybody else. (Laughter.)

CHAIRMAN SCOVILLE: Now, we have a report of the committee appointed last year to investigate the question of the bull index. This committee, you will remember, was appointed after the annual meeting, because of a resolution introduced by Mr. Williams of Rochester.

Will you hear the report? The report will be read from the desk by the Secretary.

THE SECRETARY: (Reading)

To the President of
The American Guernsey Cattle Club

The Committee which you appointed to make a study of the Mount Hope Index in the interest of The Cattle Club, wishes to report as follows:

We visited Williamstown by appointment of Mr. Prentice on the 29th and 30th of January. Mr. Prentice and his organization entertained us by showing us the records and results of the experiments they are carrying on, all of which proved extremely interesting.

The Mount Hope Index was quite fully explained to us by Dr. Goodale. We were very much impressed with the thought and research which had been given to the development of this Index, and it seemed to have much to commend it.

However, since our visit, the different members of the Committee have given some thought and study to the other Indices, many of which also seem to give much promise. Furthermore, we find that new Indices are being suggested which indicate a good deal of study is being made on this subject.

We, therefore, have decided to recommend that the entire matter of Bull Indices be held in abeyance, awaiting additional discussion and research, with the hope that sometime in the not too distant future we can endorse an Index of unquestionable merit.

We wish to recommend Mr. Prentice for the enthusiasm and interest he has shown in his experiments and we feel sure that much helpful information will be developed from these experiments.

George P. Clark
Warren F. Whittier
John S. Ames
F. K. Babson

THE SECRETARY: We have, in addition, a minority report.

MINORITY REPORT ON THE MOUNT HOPE BULL INDEX

To the President of
The American Guernsey Cattle Club

The undersigned member of the Committee appointed to make a study of the Mount Hope Bull Index on behalf of The American Guernsey Cattle Club, finds himself unable to concur in the conclusions of his colleagues.

His study of the Mount Hope Index has convinced him that it is based on a formula which has repeatedly been demonstrated to be sound. Of the various criticisms of the Index which he has to date had the privilege of examining, all have proved to be based either on misapprehensions or on data classified in a misleading manner.

This member therefore recommends that the Club adopt the Mount Hope Index with certain reservations. It is his opinion that if every printing of indices were preceded by a vigorous warning to the effect that the Club neither endorsed them nor assumed any responsibility for their accuracy as true measures of a sire's transmitting ability, that extreme care must be exercised in the consideration of a sire's index, and also, that if certain supplementary data (such as number of pairs on which index was based, number of registered daugh-

ters, number of tested daughters, and number of tests discontinued) accompanied the indices, which would be revised annually as additional dam-daughter pairs became available, the benefits to the breed would far outweigh the disadvantages. Under such an arrangement the attention of breeders would be drawn to promising new young Advanced Register sires in a manner obviously impossible under the present misleading system of printing only the records of their daughters, which too often fail to compare favorably with those of the dams to which they are bred.

Ample data is on file in the Advanced Register Division to permit of the determination of reasonably accurate conversion factors for use in placing on a common basis, records made in Herd Improvement, Single, Double, or Triple letter classes. To meet the violent opposition to the calculation of mature equivalents which exists in certain quarters, the computation of indices entirely on the basis of those dam-daughter pairs in which both animals have been tested in Class G has been suggested. As for the variations in environmental conditions, breeders should always be warned to carefully investigate for themselves the comparability of conditions under which have been completed the records used in computing the indices of any bull in which they are particularly interested. Nevertheless, in the actual computations of indices, these variations in environmental conditions will so frequently cancel each other to such an extent that they no longer by themselves constitute a valid objection to the publication of indices.

This member fully appreciates that with the attitude of the Administration of The American Guernsey Cattle Club what it is, an extended argument along these lines would be futile. On the other hand, however, he is no less certain that the Administration has, largely through the efforts of Mount Hope Farm, been brought to realize that the Club must eventually adopt the index system of rating bulls.

To the end, therefore, that when this system is adopted, it may be effectively applied, not merely to bulls whose mates or daughters are now making, or shall in future make records in the Herd Improvement Division, but to all bulls whose mates and progeny come to be tested, he submits for discussion and consideration the following tentative plan for a sweeping revision of the Club's entire system of official testing:

PROPOSED COMPLETE REVISION OF OFFICIAL TESTING AS NOW CARRIED ON UNDER THE RULES OF THE AMERICAN GUERNSEY CATTLE CLUB

REPETITIVE HERD TEST

This will represent a continuance of the Herd Improvement Test as now carried on through Herd Improvement Associations. Individual records will be published as at present, on the basis of the Herd Improvement Association year. Herd averages will also be published on this basis. In all cases where continuation of the work makes it possible, individual records will be computed for the sire list on the basis of a 305 day lactation period.

NON-REPETITIVE HERD TEST

This will represent a continuance of Advanced Register testing as now carried on, but all heifers must be tested as they first freshen, and all cows in the herd not previously tested must be placed on test, provided, however, that any cow which has lost the use of more than one quarter of her udder need not be entered.

A test may, on request of the owner, be discontinued on any animal whenever the Club is satisfied that a bona fide case of illness exists. But such permission is to be granted only on condition that she be placed on test during her next lactation period.

Cows may be re-entered on test as many times as the owner desires.

In the case of herds which have done no official testing within two years, a period of two years will be allowed to complete the testing of animals not previously tested, and this time limit may, at the discretion of the Club, be extended to three years.

No herd averages will be published.

All records will be computed on the basis of a 305 day lactation period. No others will be officially recognized.

There will be no production requirements, and no calving requirements. All records will simply be published as made, and accompanied by a statement of the number of days of the lactation period during which a calf was carried.

The three classifications listed below will be alike to both Repetitive and Non-Repetitive Herd Test. It will, therefore, be possible for the Advanced Register Division to use these records interchangeably in the computation of indices as soon as satisfactory conversion factors can be determined, by means of which the three types of record can be reduced to a common denominator.

I. Cows milked twice daily throughout their lactation period.
II. Cows milked three times daily for the first sixty days, first ninety days, or first 120 days (whichever period may be adopted by the Club as most desirable).
III. Cows milked three times daily throughout their lactation period.

No four-times-a-day milking will be allowed.

It is believed that the Non-repetitive Herd Test combines the desirable features of present day Advanced Register testing with an effective means of putting a stop to the fictitious proving of sires through testing selected daughters only.

RICHARD E. WILLIAMS

MR. GEORGE M. WHITE: I wish to go on record as resenting the imputation that the minds of our Executive Committee are prejudiced in any way for or against this. I do not want anybody to think that the minds of our Executive Committee are prejudiced in any way. I do not think they are and I do not like the remarks that infer they are.

CHAIRMAN SCOVILLE: You cannot prevent other people from thinking about you the way they choose to, you know.

MR. L. MCL. MERRYMAN: Is it in order that one or the other report be accepted?

CHAIRMAN SCOVILLE: Yes.

MR. MERRYMAN: I move that the first report be accepted and I want to say that I think the first report, as read, is a very fair and very just and very clear report of the present state of the study on Bull Indices.

(The motion was duly seconded.)

CHAIRMAN SCOVILLE: It is moved and seconded that the report of the majority of the committee on the Mount Hope Index be accepted and the committee discharged with thanks. As many as are in favor, say aye. Those opposed, no. The ayes have it and it is so ordered.

We have had a good many changes in the Advanced Register rules before us and we feel, as we think you all do, that the time is rapidly approaching when there must be a drastic change of the entire Advanced Register work, but we also feel that this is not the time to make anything that was rather pronounced in the way of a change, and, at the same time, hardly worth

while to make a few minor changes which only confuse everyone.

We did suggest one change, however, which, by the way, is suggested by Mr. Williams in his report and which is quite obvious, and that is that in the Herd Improvement Test the tests shall be extended sufficiently long to get a complete lactation period of every cow in the herd. If the test is only made for a year, obviously some cows are only tested for only a part of the lactation period and as we want records based on an entire lactation period, rather than a calendar year, it seemed wise to make this change. It would mean that no one would be obliged to run for more than two years and in many cases, of course, the time would be shortened by several months. That change will be announced in due course and I am simply passing that on to you as a matter of information.

At a meeting of the Executive Committee yesterday it was decided to meet or try to meet some of the demand that we should reduce expenses to breeders, and we were prepared to suggest that the present transfer fee should be reduced from $2.50 to $2.00. This is the fee, you will recall, which is the same to members as non-members, and this also is a fee which was raised at the time when we were in financial difficulties and wished to continue and develop our extension work. It is, we admit frankly, the greatest source of profit that we have in the whole business and the cut of this fifty cents will cost us about $10,000 in income. Nevertheless, the budget which we have prepared is arranged to stand it.

The fees are, however, fixed by by-laws and in order to avoid the expense of a special meeting—the cost is quite a little to send the proxies out to 1,600 members and is very difficult, as you will recall, for us to get the required quota which is necessary for a quorum at a special meeting. We rather felt that we would just take the chance and violate the by-law, since it was a reduction and not an increase, and ask the annual meeting next year to correct the rate on the fee. That was the suggestion that the committee made yesterday, that the transfer fee might be reduced from $2.50 to $2.00.

Argument is made, of course, many times, that today when bulls are selling at such ridiculously low prices, a $2.50 fee is a large portion of the expense of the cost of the animal and it bears more heavily than of course it did in the old days when livestock demanded higher prices. The reduction is not very much but if we reduced it another fifty cents that would make us lose another $10,000 and if we had to lose another $10,000 I do not quite know how we could get along without seriously cutting the organization.

I want to say that the committee was prepared to make further cuts during the year, and if this is not the end of the decline, we have in mind that we may have to make some more rather drastic changes but, like everybody, we are hoping that this is as bad as it can be and that from this point on we will have an improvement rather than a reverse and that the cuts which we had suggested in the budget will be sufficient.

I do not think any action is necessary at this time. We perhaps would like to have some discussion and see how the members feel about this, about losing $10,000 and getting a reduction of fifty cents on the transfer.

MR. MERRYMAN: Mr. Chairman, I have given the subject, I think, as much serious thought as any other man in this room or any man connected with The American Guernsey Cattle Club. As you all know, a large proportion of my livelihood is tied up with the prosperity of The American Guernsey Cattle Club and with the Guernsey breed. I frankly think that any reduction in fees is about as vital a step backward as you can think of. If anyone who is breeding Guernsey cattle can figure on the difference of fifty cents, he better not register animals at all or he better do something else for a living. I will certainly have to if I have to start taking fifty cent bids on my sales, as anybody else. It is the worst possible psychological move you can make, at this time, to say that there is any saving in selling pure bred registered Guernsey cattle, the greatest breed of cow that ever lived, and that a reduction of fifty cents makes any difference.

If you have to sell your bull calves for fifty dollars, sell them without papers. Sell them without the papers and if the man gets a better price later let him put up that $2.50 himself.

I feel that now is the time to press the sale of Guernsey milk above all things. It is the one unquestioned value that we have over all breeds. The Guernsey cow has a lot of things to stand back of her but, above all, she has the color in her milk. We can sell that milk. And to take $10,000 out of the budget, that has already suffered from the depression, to give two or three fellows fifty cents apiece on an animal, any man who is not salesman enough to get the other fifty cents from the buyer has no business selling anything. (Laughter and applause.)

I could not feel any stronger about this. The American Guernsey Cattle Club has done a wonderful work. The Executive Committee has. And I want to second everything Charlie Hill said about Karl Musser's financial report. I know that Fitzpatrick has put thousands of dollars in the pockets of the very people who demand this reduction in fees, by the sale of Guernsey milk. I feel that to cripple the work at this time or to curtail it is the greatest step back we have ever taken.

MR. E. A. WALTERS: I heartily agree with what Mr. Merryman said. I know what competition is, especially on the milk end, and I think the fifty cents ought to stay where it is.

MR. A. A. THOMPSON: Mr. Chairman, if fifty cents meant any great amount to any one breeder I would think that probably the recommendation of the Executive Committee might be of real moment. But when fifty cents amounts to very little to the individual breeder and it means from $10,000 to $15,000 to The American Guernsey Cattle Club, and it must necessarily mean a reduction in the Club activities to that extent, I think that it is a very foolish plan to try to effect economy in that way at this time.

CHAIRMAN SCOVILLE: Well, we are always glad to hear from anybody, pro and con, on any of these subjects.

MR. GEORGE M. WHITE: I agree with everything that Mr. Merryman said. Although I do believe that the consensus of the opinion of the Executive Committee, 100 per cent, was that they should do that, and they made a very thorough study of it, but I do believe it is the wrong time. Even if our cattle are selling cheaply it is just the time when we should be broadening out and if we curtail our funds we certainly have got to curtail, in some way, our activities.

Probably I visit the Club as much as any other member. I am only a short distance away and I go up there and play bridge with Karl whenever I get discouraged and we talk a good deal about this, and I know absolutely that during this last year he was thinking that some activities of our fieldmen had to be curtailed, to a certain extent, in order to keep within our means. And if we take away from The American

Guernsey Cattle Club at this time this amount of money, if you think you can get by with it, and no doubt we can, there will be little things that will have to be curtailed which do not seem on the surface to amount to much but it may mean a lot. I believe that the time now is to spend more money instead of less for the activities of the Club.

Let us push our breed to the largest extent that we can, especially along the lines of the milk. We certainly cannot afford to curtail the activities of Mr. Fitzpatrick nor the extension department at the office and I do not believe that we can curtail the activities of the fieldmen. If it is not a fact that the fieldmen in their work are making good, why are all the other states putting in fieldmen like they are? I do not want to see this done.

MR. L. V. WILSON: It seems to me that this should be the time to pick up our pen to sign a transfer whenever we can. A majority of us are happy when we sign a transfer and I do not believe that we give thought, at that moment, to the extra fifty cents that we may save if this proposal would go through. I believe that we have received as much service as possible for the little we have put into it, in the way of registration and transfer fees and fees for the Advanced Register work. I do not believe that it should be necessary for an organization such as we have to kick on transfers at this time, because I believe the prevalent opinion of those who are working hard to make sales is that they are perfectly willing to pay the extra fifty cents and are glad to sign that transfer. (Applause.)

CHAIRMAN SCOVILLE: Will somebody make a motion that the Executive Committee be requested to reconsider their action?

MR. MERRYMAN: I will make that motion.

(The motion was duly seconded by several members.)

CHAIRMAN SCOVILLE: It has been moved and seconded that the Executive Committee be requested to reconsider their action in regard to transfer fees. As many as are in favor of the motion please say aye. Those opposed, no. The ayes have it and the motion is carried.

Mr. Van Norman is here and very much interested in this Century of Progress Show which is going to be held in Chicago, and he would like to tell us, and I am sure we would like to hear, something of what they propose to do for the agricultural and more particularly for the dairy industry.

Would you say a few words to us, Mr. Van Norman?

MR. H. E. VAN NORMAN: Mr. President, about a year ago at this time the Century of Progress officials invited the National Associations of the Dairy Industry, including your own, to send delegates to a meeting at the exposition grounds, at which time they outlined the plan and purposes of the exposition, which might be briefly summarized, or which I will briefly summarize a few moments later.

At this time a committee or the delegates were sufficiently interested that they appointed a committee of seven to explore somewhat the cost and possible scope of an exhibit. This committee reported in November, November 30, at the time of the annual meetings here in Chicago, and suggested that in their opinion a participation was worth while; that this great industry of a billion and a half dollars could very well afford to spend $600,000 in an exhibit.

At that time the suggestion was very strong that the exhibit should include working operations, commercial operations for each of the dairy products. They also instructed the committee of seven to enlarge itself to a committee of seventeen and to proceed to an exploration of the attitude of the leaders of the larger companies and units in the industry. This was done, and the net result of those interviews was the feeling that the dairy industry could not afford to be out of the exposition. On the other hand, they questioned whether, in the present financial condition, the industry was justified or would get an adequate return on such a large figure expended in commercial operations.

Therefore, the committee revised its plan to about half of that; about $300,000. And the opinion of all was that the emphasis should be largely put on directing attention of the great consuming public and the leadership of our own industry to a more aggressive work in the educational sale of our products.

The committee was instructed to incorporate the Century Dairy Exhibit and begin the solicitation of funds to carry out this plan. The corporation has been perfected, headquarters have been established and about eighty per cent of the minimum amount is already in sight.

Now, then, just a word about why an exposition. Chicago is 100 years old next year and the leadership of its business interests felt that it would be a good thing for Chicago to celebrate that occasion. They thought there was some benefit to be gotten out of it.

Somebody has said, "I should not think they would want too many kicks." But Chicago does everything it undertakes in a big way, whether it is politics or racketeering or building an exposition, and they believe that this is worth doing.

Now, in doing that they asked themselves, "How can we make this exposition as sensationally different from all that has gone before as 1893 was?" I think we all agree that '93 stands out as a great milestone in the history of expositions. So they have conceived several new thoughts. One of them is that the basic, underlying motive of this exposition is to portray, first, the marvelous progress of American industry, based on science, or, stating it the other way, science's contribution to industry and human welfare. The next point is that the exhibit shall be conceived in terms of the visitors' interest in it. A good many expositions have built buildings and gone out and sold the exhibits to Tom, Dick and Harry and invited them to come in and show anything and then whatever exhibits they had left they turned around and sold to somebody who had a chance to sell something.

Some of us have seen a lot of rug sales and other sales occupy about ten to twenty per cent of the space of some exhibits. This Exposition says "Nothing of that kind doing." And they say, further, "No duplication of an exhibit." They say the visitor has no time to look over competing and duplicating exhibits, so they first appealed to industries as a whole to tell their story.

Unfortunately, the competition in many industries has not made that possible. So when that had failed the Exposition had turned around and invited certain outstanding individuals in each industry to come in and tell an industrial story; not simply to put on a sales display.

I know one of the big food industries sent their advertising and sales managers there and they wanted space. "What do you want to do?" Well, they wanted to put on an exhibit to sell their goods. And the Exposition people said, "We are not interested in that kind of an exhibit." But they were able to turn around and show this corporation that they had, within the variety of products which they sold, some fascinating stories of interest to the public and convinced them that it would be to their financial advantage to tell those stories. And

so the exhibit is being developed in that line, which will add, I am sure, very much to the interest of the corporation and the interest of the visitor to the Exposition of the World's Fair.

Then they came to us and they pointed out that no other industry has a larger benefit of science than the dairy industry. In the first place, we have bacteriology, we have the science of refrigeration and pasteurization and the mechanics of the wonderful equipment used in this industry. Now, most industries stop there, the application of science to the pricing of their products. But they point out that we have a tremendously additional advantage, namely, that science has given this great dairy industry the greatest leverage that has ever been given to any industry, in pointing out to us what our product means in a scientific and nutritional way to those who consume and use our products, and they invited us to come in and tell our story.

Now, it has been pointed out that the competition today is a competition of industry against industry, and it is also pointed out that in this exhibit the candy industry is one of the few industries that, up to the last report I had, had stuck together and were going to spend $600,000 in the manufacture and production and display of candies, in an effort to promote their advantage.

The Coca Cola people, I do not know what their figure is, but they are putting in a complete manufacturing unit to sell coca cola.

The cereal beverage people are putting in an important exhibit.

Heinz is putting in an exhibit that will portray the evolution of cooking, from the standpoint of the small ancient cooking in an open air fire down to the great modern establishments where they cook tons and tons of food every day.

Another one of the industries, the Libby people, are putting in an exhibit on fruit canning. The meat industry is another one that has gotten together and they are putting in a collective exhibit in behalf of the meat industry.

These are some of the ones that stand out most in my mind, from our standpoint.

The General Motors is putting in a million and a half dollar exhibit and will show prominently the assembly of the car. The Chrysler people are spending another large sum and are putting in the scientific tests that are used for the testing of materials and parts and so on that go in to make up the automobile. The Studebaker people are putting in the story of individual transportation up to the time of the automobile. And I understand that the Ford has been invited to show the evolution of the individual transportation beginning with the first automobile.

Over in the Science Building some very wonderful exhibits are developing, beginning first with the practical science, which the exposition is financing.

By the way, I might say that the exposition people have raised among business interests of Chicago something over eight millions of dollars, and the practical science has no way of commercializing its immediate results, and, consequently, the practical science stories are being financed by the Exposition. But those industries which benefit by science, of course, are financing their own exhibit.

There are a lot of interesting things which have developed. One of the things is that in this practical science exhibit they are going to bring from Vienna the glass man, that is so constructed that the various organs, nerves, blood vessels, and so on, can be automatically displayed.

The great pharmaceutical houses are putting in not only the different articles that they use but they are working out a way to tell that to the public. A number of the great medical institutions of the country have space in the practical science exhibit.

Now, then, our industry has the opportunity of telling its story, and the plans for the question of just what part or how we shall divide this up have not been completed. But there is a widespread feeling that we should have some part devoted to the dairy cow, which is part of this industry.

In some ways it is a little unfortunate in that the exposition has committed itself to no livestock showing. Of course, they have the International here coming along a little later. Some of us feel that the agricultural side of this great exposition is rather weak.

When you get outside of the dairy, there are some suggestions on the table that we are wrestling with, and I, for one, feel that there is an opportunity, and I am not sure yet how far the exposition is prepared to go to back it, to do something that will recognize at least the cow side of our industry, perhaps in a way that is distinct and different from any of the stereotyped shows that we have yet had. This may be limited to a few sensational individuals. It might be enlarged to take in a considerable number.

Now, I have this question in mind, which I would like to discuss with you, with any of you who are sufficiently interested to take the time to do it, and get something of the attitude as to how far the cow breeding industry of this country would like to go.

As I say, frankly, it is a little ahead of the game because I am not prepared to tell you how far the exposition will go.

Their conduct has suggested that they are open-minded. Now, they may be open-minded but may not have an open-pocketbook, and unless they are willing to do something to help make this thing possible I think it is rather out of the question. But, on the other hand, it has been suggested by one or two persons that it would be a great misfortune to let a World's Fair go by without some activity which would give the breeding industry a chance to write into the pedigrees of the future the winnings and recognition of famous and worth while animals at a World's Fair like this.

I have come before you with no particular request. I will say this, that the financing of this proposition is done by voluntary subscription. As yet no appeal has been formally made either to the organized breeding industry or to the individual, but as soon as our plans are a little further completed so that we know what we have to say to you, I shall be happy to present this matter through the press and through direct appeal to your organization for such support as you feel, in these times, the character of this exhibit and the conditions of the industry warrant. So I simply reserve the privilege of coming back at a future time with something a little more definite and concrete relating to your branch of this industry.

Thank you, Mr. President, unless there are some questions. (Applause.)

CHAIRMAN SCOVILLE: It was very interesting to hear of this activity which is going on right near to us now.

MR. VAN NORMAN: I would like to add the invitation that if any of you have about an hour that you can spare while you are here, I believe it would be worth while to go over to the administration building and ask to be shown the things they have.

CHAIRMAN SCOVILLE: Has anybody anything to bring before this meeting? Immediately after the close of this meeting, lunch will be

served in the dining room and immediately after lunch there will be a meeting of the Executive Committee in Room 2384.

MR. TARBELL: Mr. President and Members of the Club: I have been tremendously impressed by the sentiment expressed by some of our members to the effect that this was a time for spending more money rather than less. I believe that every member of the Executive Committee would share with me a keen interest in that expression, and I am therefore going to say just a word as to what can be done by the members to make that very thing possible.

I have only been a member of the Executive Committee, as you all know, for a matter of two or three years, but during that time I have been tremendously impressed by the interest and care which the members of the Executive Committee give to every little item that is brought up for their attention. They give their time to solving those things as if it meant millions and millions to our members that it should be solved correctly. They are a painstaking body of men and they are interested very much in everything that is of interest to each and every individual member of our organization.

You have heard read Mr. Musser's report. It must have impressed you tremendously to know that the Club's losses this last year were so very little. Mr. Musser, how many birth reports were filed?

THE SECRETARY: Nearly 17,000.

MR. TARBELL: Nearly 17,000. If just a very small percentage of those birth reports had been withheld and the calves registered, there would have been absolutely no deficit. If just a few more of our members had patronized the Journal with advertising there would have been no deficit on the part of the Journal.

Now, the thing that I am going to ask is the earnest cooperation of every member of this Club in their efforts to work with the Executive Committee in advancing the best interests of our Club. Take it home with you as to what you can do.

Down at our little farm in New York, we are very happy over the fact that we have been able to pay the Club more money during the past three years than in any three years of our thirty years' history with The American Guernsey Cattle Club. We are very great believers in the Advanced Register work. We believe that nothing has ever been done by the Club that has done so much to advance the interest of the Guernsey cow as Advanced Register work and the work that is being done under our program of bringing to the attention of the public the superior merits of Guernsey milk. For that reason we have kept increasing our Advanced Register work from year to year. I think approximately about one-tenth of the Advanced Register work from New York State comes from our farm. Now, we believe that is money well spent. We believe this is a mighty good time to do it. It is in line with the herd improvement work. The more of that that is done the better. If people prefer that class to the regular Advanced Register work, all well and good, but let us do all we can to keep up the Advanced Register work. Let us do all we can to advertise Guernsey interest. Let us make up our minds that we are going to leave this meeting and go home with the kind of fighting spirit that will progress the best interests of this Club; that will do away with any deficit; that will enable the Executive Committee to be more aggressive in advancing the interests of this Club than they have ever been before. More advertising, more Advanced Register work, more calves registered, and less birth certificates will do the trick.

So far as I can remember, we never filed but one birth certificate in our life at our farm and that was because the calf died before we could register it and we had to report it in order to complete an Advanced Register record, so that we used the birth report.

Now, let us remember these things and remember that good times have always come to the man who does his "damnedest" during bad times. What we want is more work, hard work. We want more smiles. We want more enthusiasm. We want more determination and we want every man to cooperate to the full extent of his ability and work as he has never worked before in his life. And I pledge you, as one member of the Executive Committee, that they will do anything that they possibly can to advance your interests. They wish to work with the members of this Club and their interests, and I invite you to consider these very few words in an effort to do what you can, individually, to keep The American Guernsey Cattle Club out of the red in this year's work.

I thank you. (Applause.)

Mr. A. A. THOMPSON: Mr. President, I desire to present the following resolution:

Resolved that $2,000 be appropriated and set aside for study of experimental work relating to the yellow color of Guernsey cows' milk; that $800 of same be immediately available for the maintenance of a scholarship in some agricultural or other college to study Vitamin D values and related subject of milk and the balance of $500 immediately available, or as much as may be necessary, in research work in the devising of an instrument less complicated than the Woods Colorimeter to measure the yellow color of Guernsey cows' milk.

CHAIRMAN SCOVILLE: Do you wish to speak to the motion, Mr. Thompson?

MR. THOMPSON: In looking over the expenditures of the Club for the various activities, it really seems to me at the present time rather silly for me to have to say anything in regard to the support of this resolution. I have no fault to find with the advance of production and type, and I really think that production and type is a very important characteristic of the Guernsey breed. I have no fault at all to find with any of the expenditures that are made. With the exception of overhead, which is $6,000, all of the rest of the expenditures that are made by the Club—extension work, $30,000, Information and Service, $22,000, general expenses, $35,000, advertising and trademark, $23,000—are all above $20,000. I do not think that there is hardly any use in my going into the matter of the color of the Guernsey cow's milk.

You would not be making all of those expenditures that you have in that budget if that Guernsey cow did not have that yellow color. Now, then, it is on account of that color that you are making all of those expenditures.

I have studied this color, and you all know more or less about it, for a good many years. It has been a sort of a one-man thing. I think that the Club, very modestly, as the resolution puts it, $2,000, should start and try to further the work that I have done with regard to color. I have two suggestions there in regard to the resolution that I think should be immediately followed out. If the Guernsey breed can establish the fact that this yellow color is closely associated with Vitamin D, we have got probably one of the best selling points that our breed ever had. Vitamin D is the ingredient that makes Cod Liver Oil value and in Cod Liver Oil it would cost quite a great deal of money.

There are private agencies that probably could determine whether

the yellow color and Vitamin D is associated, but if you are able to get a student to do that, under the supervision of an agricultural college, that report will have a great deal more prestige and it will probably be worth a great deal more money to the breed than if it was put out by some private individual or private agency.

In regard to the second idea which I have in that resolution, namely, the attempt to try to make an instrument to measure this yellow color milk, I have been in touch with all of the various manufacturers of colorimeters, not only in the United States but with the agents that handle all of the European instruments. I have written to all of them and have taken this matter of measuring milk color up with them. I have been down to the United States Department of Agriculture and gone through their laboratories down there. They, at the present time, are measuring the the color of quite a great many articles. They measure the color of hay. They measure the color of cotton. They measure the color of commodities and they measure the color of numerous agricultural products in Washington. All departments in Washington are now using, that is, all the departments that I went through, and I went through half a dozen of them, a machine that is devised by the Universal Color Standards of Baltimore in conjunction with the Mulson Color System. Those two companies seem to be the best people and know more about color than any other authority in the United States. Their machine and their color charts, at least, are accepted by the United States Government in all their various departments.

I have been to Baltimore and I have taken down the Woods machine to Baltimore. I rented their laboratory and two of their men and we spent three days in testing milk colors. The present machine that they have is not any better than the Woods machine. The Woods Colorimeter that the Club got out here a good many years ago, as compared with their machine, is a correct and perfect instrument to measure milk color.

I realize, however, and all breeders realize, and in my talk with various breeders I have come to the conclusion that the average breeder does not want to pay $100 for a machine to measure milk color. A great many of the breeders who might measure milk color are not equipped with electricity to operate that machine, and a great many of the other breeders who might measure milk color are not equipped or do not have a man who is careful enough or understands the color technology enough to operate that machine. My notion is that the Club should, as expressed in that resolution, spend some money to try to devise a machine that is smaller and cheaper and that will do approximately the same work as the Woods machine.

The Universal Color Standards Company and the Mulson Company have been approached in regard to this and they have made a study of it. They think that something along this line can be produced and they are willing to start on it. But in these kind of times, not knowing how many machines are going to be sold and not knowing exactly what the Club or its members want, they do not feel that they can go ahead with this matter on their own basis. They are perfectly willing to do the work for you and they will do it well and they are established authorities in this kind of work in the United States.

MR. TARBELL: Mr. President, I am sure we all understand the great importance of Guernsey color, but as we are operating under a budget and as the expenditures have already exceeded the amount of our budget, I move, as an amendment, that this matter be referred to the Executive Committee. In other words, take its usual course for consideration.

MR. HILL: Mr. Chairman, it is not that I do not wish to support Mr. Tarbell's motion, but I do want to say a word in favor of the original resolution. I wrote to Mr. Musser at the time of the publication of the article in the Journal and said that I thought it was one of the finest pieces of instructive literature that we ever had in the Journal. I wrote Mr. Thompson complimenting him on the work.

All that Mr. Thompson said about the value, commercially, of the color of Guernsey milk is true, and you can say a whole lot more than he has said and still be true. And I thought it was nothing more than justice to Mr. Thompson, for this extended research proposition that he has carried on, that we should do this thing, but I think we ought to do it because it is an additionally great opportunity to learn more about this product, which will mean a market for Guernsey milk eventually. And certainly if the Executive Committee, in figuring its budget, allowed for the fifty cent reduction in transfer fees you will certainly now have this $2,000.

MR. J. B. ROBERTSON: I may have been a thorn in the flesh but I am perfectly willing—and we all form our opinion from our local contact and from our local point of view. Probably you know that for years I have not failed at any annual meeting to bring up the color question in some way. I wish that you might all have heard Mr. Burlingham, who is associated with the Breeder's Gazette, speak to the Eastern Guernsey breeders a few years ago.

When all is said and done, the only thing that any other breed will concede to the Guernsey cow is her color.

I was interested in the Woods machine, with Mr. Shoemaker, with whom I was associated at that time, and I regret that circumstances have been such that I could never do any of the work with him.

I was a thorn in the flesh just now because probably our little local association down in Pennsylvania first brought to the attention of the Cattle Club the matter of the transfer fee. To be perfectly frank, our real object in bringing that matter to the attention of the Executive Committee was not the direct saving to the individual breeder but to the fact that we believed that the funds might be more efficiently expended in more direct work on milk than on what you call direct extension work.

You can see my position, therefore, and I am sure our people will be heartily in favor of Mr. Thompson's resolution. And with every confidence in the Executive Committee, in view of the fact that we raised no objection, and there are many points that might have been brought out that were not brought out in the matter of the wisdom of reducing the transfer fee, the funds are available now and in spite of the fact that there is not a large representation here of many members who do feel that the transfer fees might be reduced, I think that I would like to see that resolution passed upon the floor of the house here and that we give Mr. Thompson direct support. And I am sure our own people will be glad of that move, and it is the one thing that I think The American Guernsey Cattle Club needs to determine, whether or not we are losing that color, and if we are not losing it then we can forget about the color. But until that information is available we ought to make some expenditure. Surely the amount of money asked for for that work, after all the time and effort he has given to it himself, is mighty little. I ask,

therefore, that you seriously consider giving him your direct support.

MR. FLINN: I just want to say that I have been intimately associated with Mr. Thompson for some years, because he is a close neighbor, and I know he has been a pioneer in that subject and was a pioneer in another subject which has been adopted almost universally, and that is contagious abortion. I know when he first talked to me about it I did not know what it was all about. The same thing applied to the color.

I think a man who has put in the time and effort and money he has put in a thing like that, and is still convinced that it is the right thing, that it is about time for the breed to relieve him of this burden and show their interest in it.

For my part I call for a question on the motion before the meeting.

MR. GAVIN MCKERROW: I believe a motion would be in order on the Thompson resolution.

CHAIRMAN SCOVILLE: Mr. Tarbell moved as an amendment that the matter be referred to the Executive Committee.

MR. MCKERROW: I did not hear a second to that.

CHAIRMAN SCOVILLE: It is really not important.

MR. MCKERROW: I rise to ask that we vote here on the floor on this resolution.

CHAIRMAN SCOVILLE: Will Mr. Tarbell withdraw his motion?

MR. TARBELL: I am not in the slightest degree opposed to Mr. Thompson's motion. I only suggested by my motion that it be done in the orderly way, the same as any other expenditure that is asked for, but if it is your suggestion I would be very glad to withdraw it.

CHAIRMAN SCOVILLE: To take up the detail of expenditure in any event.

MR. TARBELL: Certainly.

CHAIRMAN SCOVILLE: An expression of opinion in favor of it would be made at that meeting.

MR. TARBELL: I am entirely in favor of the motion.

MR. MERRYMAN: I do not think there is anybody here who is more in favor of Mr. Thompson's idea than I am. I have worked with him and Mr. Hill. We took smears. We worked with the Universal Color people. I think it is a very vital thing. However, I am very much inclined to agree with Mr. Tarbell's motion. I think if the sense of this meeting is that the $2,000 be appropriated it is only proper that we refer the matter to our properly constituted authority. If we have an Executive Committee, let it run the Club.

I do not think that this is a matter to be decided at a public meeting. Now, I am for Mr. Thompson's idea, hook, line and sinker. I think it is one of the greatest forward steps we have ever taken. When I made my resolution about the fifty cent transfer fee I simply asked that it be referred back to the Executive Committee.

MR. THOMPSON: Mr. Chairman, I am seriously misunderstood if the members here think that I want to spend that $2,000. I do not. In fact, it would please me if I did not have anything to do with it. My whole idea in making that resolution is to try to get The American Guernsey Cattle Club and somebody else to take an interest in this color business. I have no other thought but that the Executive Committee of The American Guernsey Cattle Club will spend that money and decide whether it will be spent or not.

CHAIRMAN SCOVILLE: Surely.

MR. TARBELL: If you will make your motion that way I will be very glad to second it.

MR. THOMPSON: That is just the resolution, that the money be set aside for that purpose. I would like to know that that money is there and that it is available.

MR. TARBELL: That the Executive Committee consider setting that money aside for that purpose.

MR. THOMPSON: No, sir, not "consider." That it set it aside. (Applause.) I want to know that it can be spent during the year for that purpose.

MR. TARBELL: Then that is directing the Executive Committee to spend it, whether they have it or not.

MR. THOMPSON: For these purposes.

MR. TARBELL: I say whether they have it or not you ask them to spend it or set it aside.

MR. THOMPSON: Yes.

MR. TARBELL: That is what I objected to because it is contrary to the management of our Club. Now, I am very much considering putting in a color machine at our own farm because I believe in it. I am entirely in favor of what you wish to see accomplished. If the Executive Committee has got funds to do it with I am very much in favor of seeing it done, but I dislike very much to direct the Executive Committee to do something unless they absolutely have the money in hand with which to do it, that's all. I merely wish to make myself understood.

Mr. Musser, you will recall my writing you about getting a machine on testing color, because I believe in it and I enjoyed your articles very much and I am very glad, as a member, sir, that has been benefited, to thank you publicly for getting these articles to the Journal. I only want to have these things done in a way that is in accordance with the organization and management of our Club.

MR. MCKERROW: I move you that it be the sense of this meeting that it recommend to the Executive Committee the adoption of the Thompson resolution.

CHAIRMAN SCOVILLE: That ought to save everybody's feelings.

MR. MERRYMAN: I second the motion.

CHAIRMAN SCOVILLE: It has been moved and seconded that this meeting endorse the resolution offered by Mr. Thompson and refer the matter to the Executive Committee. Is that the effect?

MR. THOMPSON: May I ask a question? Does that mean that the $2,000 is available or does it mean that the Executive Committee can say that the $2,000 is not available?

CHAIRMAN SCOVILLE: If they have not got it I suppose they can say they have not got it.

MR. THOMPSON: The idea of that resolution is to set aside and give $2,000 for that work.

CHAIRMAN SCOVILLE: Yes.

MR. THOMPSON: Now, I have no objection to the question being referred to the Executive Committee, but my notion in presenting that resolution is exactly to avoid what Mr. Tarbell here has said—that if he did not have the money you would not spend it. My notion in presenting the resolution is that the Executive Committee will cut down some other expense or do something so that the money will be there to be spent, if it approves of the recommended expenditure.

CHAIRMAN SCOVILLE: This only calls for $1,300 immediately.

MR. THOMPSON: Yes.

CHAIRMAN SCOVILLE: Of course, if the meeting endorses that, that is what it means. They will have to find $1,300 somewhere. The Executive Committee has got to do what the Club tells it to do.

MR. THOMPSON: That is what I want.

CHAIRMAN SCOVILLE: Even if they have to put a mortgage on our home. I think we understand each other. We will go ahead with it anyway. As many as are in favor —will you please repeat your motion, Mr. McKerrow? I am afraid I did not repeat it quite as you made it.

MR. MCKERROW: I think you did. It sounded to me to have the same effect. I think you used a little nicer English in it.

CHAIRMAN SCOVILLE: Well, we have both motions on the record. The question is on the motion of Mr. McKerrow. Do you accept that, Mr. Thompson?

MR. THOMPSON: I do not think you have answered my question. What I am trying to find out is does Mr. McKerrow's motion put the matter of allotting $2,000 in the hands of the Executive Committee?

CHAIRMAN SCOVILLE: Well, it does not create any $2,000, no, but it expresses the opinion that this meeting approves of that resolution and asks the Executive Committee to carry it out, with an expenditure of $1,300 immediately and the balance available I do not know when.

MR. THOMPSON: Then as I undestand it, with Mr. McKerrow's motion, there is $2,000 available for this subject?

CHAIRMAN SCOVILLE: Eventually, yes, but only $1,300 immediately.

MR. THOMPSON: Yes.

MR. TARBELL: May I ask you if you will offer your resolution subject to the approval of the Executive Committee?

MR. THOMPSON: No, sir.

CHAIRMAN SCOVILLE: Well, I think we understand it. This is an instruction to the Executive Committee to spend $2,000, $1,300 immediately and the balance some time in the future.

MR. THOMPSON: That is right.

CHAIRMAN SCOVILLE: As many as are in favor of the motion, please say aye; those opposed, no. The ayes have it and it is so ordered. (Applause.)

The directors of the Illinois Guernsey Breeders' Association are requested to meet in this room immediately after adjournment.

MR. HILL: I do not know how many of you know but Mr. W. D. Hoard is ill in the hospital. I called on him yesterday and he talked so much about how disappointed he was that he could not be here today and tomorrow, that I move you that Mr. Musser be instructed to send him a telegram.

(The motion was duly seconded.)

CHAIRMAN SCOVILLE: As many as are in favor of the motion please signify by saying aye; those opposed, no. The ayes have it and it is so ordered.

Luncheon will be served immediately after the meeting and this is the luncheon that the Club gives you.

The Executive Committee is requested to meet after luncheon upstairs in the committee room.

Have you any matter to come before this meeting?

MR. TARBELL: I move we adjourn.

(The motion was duly seconded.)

CHAIRMAN SCOVILLE: It has been moved and seconded that we adjourn. As many as are in favor please say, aye; those opposed, no.

The meeting stands adjourned.

Berkshire Breeders Meet

THE Guernsey breeders of Berkshire County, Massachusetts, held a very successful meeting at the Hotel Wendell, Pittsfield, on the evening of April 16. The Berkshire County Guernsey Breeders' Association is the only active local association in Massachusetts. Its meetings are well attended and its members are active in breed promotion work in the county.

Oscar M. Whittemore of Lenox was in charge of the meeting. Speakers included: J. E. Harper, who briefly discussed Golden Guernsey milk marketing activities in New England; E. G. Woodward of Taconic, Connecticut, and Professor J. H. Frandsen of the Massachusetts State College. Professor Frandsen gave an illustrated talk on "The Cooperative Dairy Industry of Denmark." He has recently returned from a meeting of the International Dairy Congress and gave a comprehensive discussion of the results of the benefits to the Danish dairymen of their cooperative sales efforts.

Vernon Stewart Started Guernsey Herd on 25c

TWENTY-FIVE cents started Vernon Stewart, Columbiana County farm boy, as a Guernsey breeder. That original investment of a quarter of a dollar has grown to a herd of three animals in less than three years.

Luck played considerable part in launching this young breeder into business, for he held the ticket that entitled him to the Guernsey calf given at the 1929 field day of the Ohio Guernsey Breeders' Association on Chester C. Bolton's farm near Ravenna.

J. W. Stewart, Vernon's father, tells the story thus: "We arrived for the field day just a few minutes before the last tickets were sold. Our interest in Guernseys at that time consisted of one grade cow.

"The heifer that Vernon took home was seven months old, bred by Andrew Squire of Chagrin Falls and registered as Royal Valley View.

"She was bred for first freshening to A. G. Cobourn's sire, Flying Hill Sheik 154049, and gave us a bull.

"The heifer milked as high as thirty-two and thirty-three pounds a day with her first calf. She was bred to a Goldseeker bull owned by John Kloss and dropped a heifer calf this spring. In March she gave 1203 pounds of milk."

Here and There

(*Continued from page 573*)

After January 1, 1933, no milk can be shipped into San Francisco except that from tuberculosis-free cows.

There were 21,637 transfers recorded in 1931. While this was a decline of sixteen per cent under 1930 it was less than that year because that year showed a loss of twenty-six per cent. Our decline of sixteen per cent compares very favorably, however, with an average decline of twenty-nine per cent for the other breeds for the same period.

It has been several years since production costs have been figured as closely as they are today. Professors P. C. McGilliard and Earl Weaver of the Oklahoma Agricultural and Mechanical College recently figured the cost of production of butter fat per pound. Butter fat was produced by Guernseys at thirty-four cents, Jerseys at thirty-two cents, Ayrshires at thirty-six cents, and Holsteins at forty-four cents. The old idea of a Guernsey being an economical producer still holds true.

Breeders in Pennsylvania made the largest number of purchases during the year 1931, having secured 2,444 animals. New York breeders purchased 2,433; Wisconsin, 1,796; Ohio, 1,630; Michigan, 1,255; Minnesota, 1,136; Massachusetts, 913; Illinois, 731; Maryland, 691, and New Jersey, 651.

Advanced Register testing showed an increase for 1931 over previous years. It is true that the increase was very slight, for there was a total of 2,844 regular Advanced Register certificates issued as compared with 2,841 for the year previous.

Native ox cart showing small stature of native stock

Guernseys Enter Albania

American Institute at Kavaja Starts First Pure Bred Guernsey Herd

By ARTHUR DELAMARTER
Director of Boys' Farm School

EUROPE produced the Guernsey and sent it to America. Now America, through some of its generous breeders, has sent the Guernsey back to Europe—to the beautiful, but backward, nation of Albania, a country the size of Vermont and New Hampshire together, located in the Balkan Peninsula just across the Adriatic Sea from the heel of the Italian boot.

Left: "Micado," Guernsey bull donated by J. H. Hammond. Right: "Charm," Guernsey bull donated by Moses Taylor. These two bulls are being used at the Albanian American Institute, Kavaja.

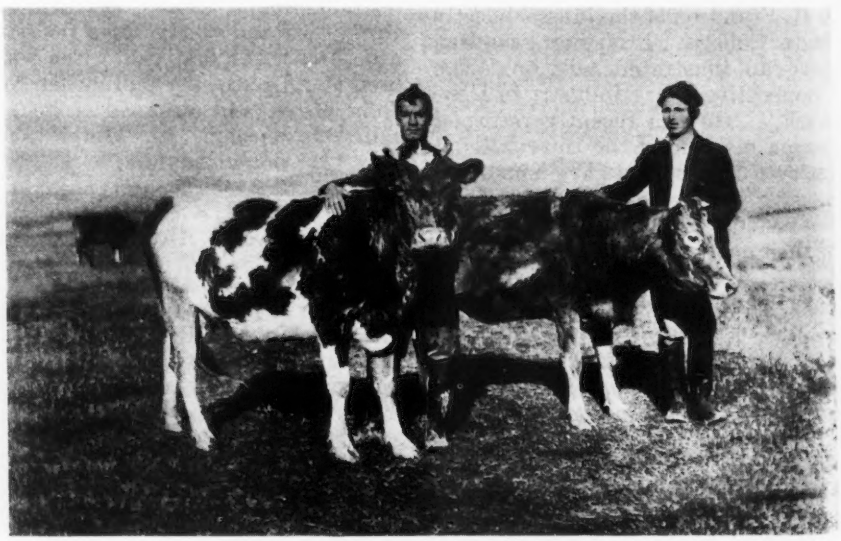
Great credit is due to the farmers of that little island off the coast of France who were wise and farseeing enough to work together for the selection and breeding of dairy cattle. Northern Europe, fortunately, has had many men who loved animals and who have given considerable attention to their improvement. As a result America was able to import most of its present breeds of livestock, cattle of all kinds, sheep, goats and horses.

Southern Europe, unfortunately, has never made the same development in the breeding of animals as has northern Europe. Nor have the Southern European countries made use to any extent of breeds that were produced in the northern part of the continent.

One must realize that Europe is composed of a large number of politically independent nations, bound together in many cases by nothing but the surrounding bodies of water. Secret treaties have not served well even though the European farmer has been taxed heavily to support armies and even though he has had to leave his farm as a young man to do his full quota of military service.

One must realize that these same little nations had their origins in the olden days by a number of different groups of people overrunning this continent of Europe and taking possession of what they could for themselves. It has been a long story of fighting and bloodshed. We hope that this stage of Europe's development is over, though there are still plenty of things to make one wonder what the outcome is to be.

Some of these varied groups of



Students at the Albanian American Institute with two grade Guernseys that were sired by Charm of Annandale 128052. Left: Charm's Katund, that is out of an Albanian cow. Right: Helena, that is out of a Macedonian cow.

people have done more constructive work than others. Some are still backward. Probably the most backward of all is the nation of Albania (created in 1912). The Albanians are a fine people and a very ancient people, but they are also a very illiterate and backward people. It is contended by many that Alexander the Great, and other leaders of that early time, were really Albanians. It is also claimed that Julius Caesar came to what is now Albania for his education. Ancient Butrinto in Southern Albania was a great educational center in those days.

What the Albanian people contributed to the splendor of Greece and Rome is almost forgotten. The empires of the past had their day and were soon gone. So, too, the Albanian people made their contribution and were soon forgotten.

Since that day they have been trampled under the feet of neighboring groups of people. For five centuries they were oppressed by the Turks, and yet, through it all, they have kept their love of liberty, and now they are free.

Free, did we say? Politically free, yes, but in danger of economic bondage. Albania is desperately poor. Crop failures are common. The government has to borrow money to buy grain with to try to keep its farmers from starvation and even so some do starve. The Albanian farmer is illiterate. He is poor, and if he borrows money he becomes still poorer, for interest rates of fifty per cent to 150 per cent are common. The climate makes farming difficult—excessive rainfall in the winter and months of drought in the summer. Poor,

(Please turn to page 607)

Top: Man in typical native costume at horse fair, Tirana.

Left: Palas, southern Albania, typical mountainside town.

Right: Villager in typical costume and his two wheeled cart common to the country, Kavaja, Albania.

Group of Visitors at the Georgia Field Day Held at Creatwood Dairy Farm

Georgia's First Field Day

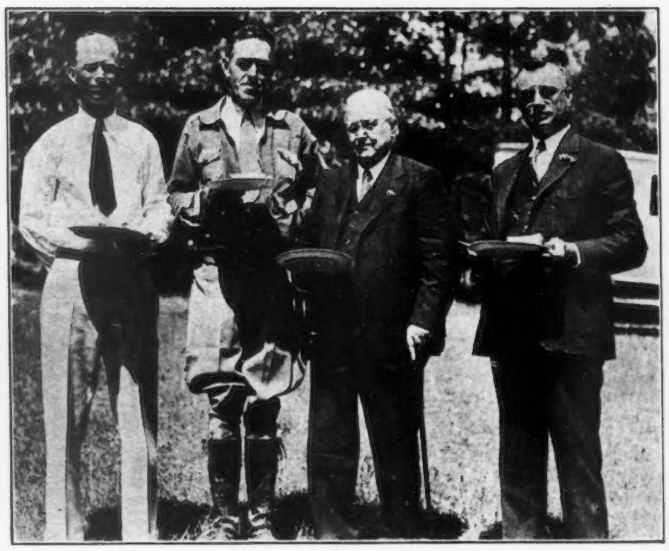
Creatwood Dairy Farm Host To Ninety-six Breeders

GEORGIA'S first Guernsey field day was held at Creatwood Dairy Farm, Smyrna, on May 10. This meeting was a most enjoyable occasion and a success from every angle.

Creatwood Farm was established by Dr. W. A. Crowe about thirty-five or forty years ago for the purpose of having a home in the country where his family might derive the advantages therefrom and where he, himself, might rest from his arduous duties as a physician in Atlanta. Dr. Crowe, possessed of every attribute of the true southern gentleman, and more, in later years found that the property which he had purchased as a place of recreation had developed into one of the most desirable locations in the southeast. Located as it is, between Atlanta and Marietta, and not more than fifteen miles from either, it was but natural that his son, A. L. Crowe, should realize the wonderful opportunities this place afforded for a first class dairy farm and, with his untiring energy, coupled with the sound advice and supervision of his father, Dr. W. A. Crowe, Creatwood Farm soon developed into one of the most up-to-date dairies in the state. Barns constructed of blocks manufactured from granite and cement, surrounded by all kinds of fine shrubbery, for which the Creatwood Nurseries are noted, gives this place a perfect setting.

The plant at Creatwood Dairy Farm is equipped throughout with the most modern facilities for the production of high quality milk. The herd consists of from twenty-five to thirty pure bred Guernseys and is the only herd supplying Golden Guernsey milk to the Atlanta market under the trademark. In this connection it is gratifying to know that even though this dairy has been established less than eighteen months the demand for their Golden Guernsey milk is greater than the supply.

Another interesting and outstanding feature is the fact that it is one of the few dairies supplying the Atlanta market that is in a position to produce milk from feed grown on the farm. Consisting of approximately 250 acres, the task of bringing the soil to a state for profitable production required more than ordinary intelligence. This task fell upon the shoulders of Dr. W. A. Crowe, and to say that his efforts in this direction have been a success would be extremely conservative. One of the most interesting features of the field day was the privilege of looking over the fine crops of small grain and legumes ready for cutting at the time of this meeting. Everyone present was deeply impressed with the heavy yields and the low cost per ton production of feed. In fact, it was an object lesson that every dairyman would have done well to study in that it would enable him to produce milk at less cost per unit than it can be produced in any other manner.



Enjoying the Barbecue
Left to right: Mack Sandow, Secretary-Treasurer; A. L. Crowe, Vice President; John S. Candler, President, of the Georgia Guernsey Breeders' Association, and H. C. Bates, Field Representative of The American Guernsey Cattle Club

The meeting was attended by ninety-six breeders, prospective breeders and friends. After the barns and crops had been inspected an old time southern barbecue was served in one of the beautiful shaded groves of Creatwood. Following the noon hour, interesting and instructive talks were made by Dr. M. P. Jarnagin of the Georgia State College of Agriculture, Athens; Roland Turner, General Agricultural Agent, Southern Railway, At-

(Please turn to page 627)

Shorewood Farm Herd Dispersal

Thirty-eight Head Bring An Average Of $208.82

IN the dispersal sale of the Shorewood Farm herd, owned by D. D. Tenney, Crystal Bay, Minnesota, on May 14, there passed into history an establishment that has been in existence for nearly twenty years. Mr. Tenney organized this herd from a group of outstanding cows that included Pearl's Dot 57445, 965.8 pounds of butter fat in class AA; her full sister, Pearl of Pomeroy 40325, 777.2 pounds of butter fat in class AA; Ma Chere Procris 55855, 831.9 pounds of butter fat in class A; Bell Buoy's Golden Lassie of City View 68948, 708.2 pounds of butter fat in class AA; Cora of Gerar 48309, 734.5 pounds of butter fat in class AA; Imp. Moss Rose XI. of the Barras 67708, 593.9 pounds of butter fat in class B, and Althea of Sarnia 40208, 548.7 pounds of butter fat in class AA. Not only were these cows great producers but they were show cows as well, several of them winning championship honors at leading shows.

As a foundation sire he selected Ladysmith's Cherub 30760, a bull that was destined to become one of the greatest show bulls and sire of show ring winners in the country. He was three times grand champion at the National Dairy Show and was the only sire of any breed whose offspring won the get of sire award for five consecutive years at the National Dairy Show. There is now to his credit twenty-three Advanced Register daughters and twenty-one Advanced Register sons, one of his sons being the sire of Cherub's Althea of Fair Meadows 145860, a world record cow in class C with 926.2 pounds of butter fat.

Descendants of Mr. Tenney's foundation animals won for Shorewood Farm many honors in the show ring and several class leader records for production. The herd offered on May 14 was of uniformly good type and a young herd, as only one animal was over seven years of age. While every cow in the herd had an Advanced Register record as a two year old, averaging 575 pounds of butter fat, there were five class leaders represented by their daughters.

Ladysmith's Cherub 30760 had seventeen daughters tested at Shorewood Farm that averaged 11128.7 pounds of milk and 522.5 pounds of butter fat, all but three being in the immature classes.

The thirty-eight head that were dispersed sold for a total of $7,935, an average of $208.82. The top bull of the sale, Life Buoy of Shorewood 183932, was purchased by Boulder Bridge Farm, Excelsior, Minnesota, for $450. The second high bull, Bell Buoy of Shorewood 160913, was purchased by Highcroft Farm, Wayzata, Minnesota, for $400.

The top of the sale was a female, Shorewood Dairymaid 347528, that was purchased by Boulder Bridge Farm for $485. The second high female in the sale was Royal's Alpha of Shorewood 232533 that was also purchased by Boulder Bridge Farm for $400.

Highcroft Farm, Wayzata, Minnesota, was the heaviest buyer at the sale securing eight head for a total of $1,960. Boulder Bridge Farm secured four head for $1,445, and F. M. Crosby of Minneapolis purchased six head for a total of $1,210. All of the animals went to Minnesota breeders with the exception of three head which were purchased by Erroll MacBoyle of Grass Valley, California.

The sale was considered an exceptionally good one, all things considered at this time, and was managed by the Melin-Petersen Company of Minneapolis.

Following is the sale list:

C. L. Arnold, Watkins, Minnesota	
Shorewood Slogan 200104 (Bull)	$155
H. J. Atwood, Duluth, Minnesota	
Shorewood Shamrock 318383	130
Shorewood Danseuse 359184	125
N. F. Banfield Corporation, Austin, Minnesota	
Shorewood Coralea 279804	230
Shorewood Althea 318381	225
Boulder Bridge Farm, Excelsior, Minnesota	
Royal's Alpha of Shorewood 232533	400
Calf out of Royal's Alpha of Shorewood 232533	110
Shorewood Dairymaid 347528	485
Life Buoy of Shorewood 183932 (Bull)	450

(Please turn to page 627)

Part of the crowd at the Shorewood Farm dispersal sale. Life Buoy of Shorewood 183932, top bull, may be seen in the ring

ABC of BREEDING

By LEON F. WHITNEY

The Mechanics *of* Heredity

Chapter II.

LAST month we considered the mechanics of heredity. This month we must continue this study and draw some of the logical inferences which naturally grow out of it.

The Process of Cell Division

CELLS multiply by dividing. How can that be? One cell divides and becomes two; two divide and become four; four divide and become eight. That is the process. But there is vastly more to it than appears on the surface. A study of this question with a microscope reveals some astonishing and beautiful processes.

Suppose we go back to that original cell that we started with. Let us now examine the nucleus and see what goes on within it. It would be very easy for us to understand how a division could come about in a piece of jelly and this individual piece of jelly become two, but that is only the external appearance. Now let us forget about every other part of the cell except the nucleus and see what happens. The network of chromatin, as we have already seen, is slowly drawn into small lines which are called chromosomes, and that, of course, is when the cell is getting ready to divide. Each chromosome has a partner. As soon as the chromosomes have all become visible then one notices that each chromosome is in the process of becoming two.

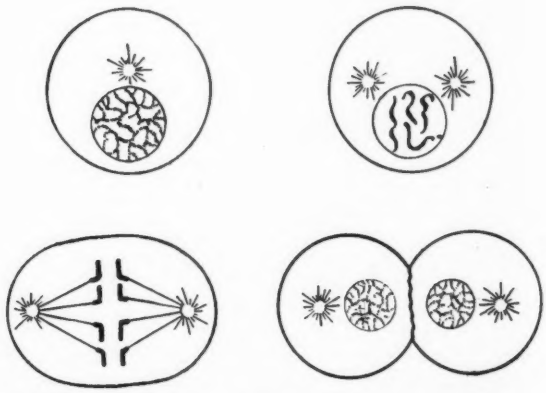
Take, for example, the fruit fly which has four chromosomes. The four chromosomes become eight chromosomes, and one of each of the new pairs goes into each of the two daughter cells that result from the division of the parent cell. Now this has a tremendous bearing on the subject of heredity and it is fundamentally important that we understand it. But always keep in mind the pairs of chromosomes and remember that each chromosome is constituted of many, many little units called genes. These genes are believed to be tiny packets of chemicals and they, too, are in pairs just as the chromosomes which they compose are in pairs. One gene from each pair lies on each of the pairs of chromosomes.

The end result of any quality or trait of the individual, which we are studying, is affected, probably, by all of the chromosomes working in unison. It was at one time believed that there was one gene for each characteristic of the body. For example, one for eye color, one for hair color, one for skin color, etc. Now we believe that it is the difference in one or more pairs that causes the difference in the end result. Actually, all of the genes are concerned in the production of every trait and the difference in one pair is what causes the end result. Now, of course, this may seem to you like splitting hairs but actually it is not.

Blooded Inheritance

HAVE you ever looked through a microscope and seen what the red blood cells look like? Each of them is a little larger than a sperm cell. It is impossible for anyone to inherit the blood of another and for that reason we should never say that an animal is pure blooded, or blooded, or blue blooded, or use such expressions. These are simply antique and should be forgotten once and for all. They lead to very disastrous conclusions on the part of persons who have not thought much about this matter. In the years that I have been Executive Secretary of the American Eugenics Society I have had quite a number of letters from women who have had blood transfusions and men, too, for that matter, and they write to ask whether their children are likely to be anything like the person who furnished the blood for the transfusion. That is not, however, the worst difficulty.

When one talks about blood, one naturally thinks of dilution. And doesn't it appear to you already from this brief explanation about the mechanics of heredity, that heredity is not a question of dilution, but rather one of presence or absence?



How cells multiply by dividing. Notice the network of cromatin in the nucleus, how it forms into chromosomes which divide and finally how two daughter cells are formed.

Mendel's Law

THE man who threw the last shovelful of earth on the grave of the blood theory was Johann Gregor Mendel, a Moravian monk who did his work by studying inheritance in garden peas. I do not mean to imply that he ever gave a thought to the idea of the blood theory of inheritance but, so far as we are concerned, what he did for us was to remove it. For several hundred years before Mendel, men in Europe had been experimenting and had come to certain definite conclusions about inheritance. We find some words used by them which were later used by Mendel, old words which were given new meanings. We find many references in the studies of these oldtimers to the fact that certain traits seemed to skip a generation. An Englishman, named Knight, bred garden peas and drew certain very interesting conclusions which were in some respects not unlike those of Gregor Mendel, who did his work considerably later. And there was a Frenchman who mated cantaloupes and muskmelons. He noticed that they differed in certain respects and he wrote down in parallel columns the differences that he noticed. In other words, he tried to factor them out into the smallest possible common denominators.

The memorial erected to Gregor Mendel in appreciation of his great discovery.

About the same time that Mendel was doing his work, another Englishman, Galton, was studying color inheritance in the Bassett hound. He, too, found that heredity was not a case of dilution.

Unfortunately, Mendel's work was lost to the world until the year 1900. He read a paper before his little Historical Society and the Society later published this paper in all its detail, but being such an obscure journal and because Mendel was a few years ahead of the times, no one took any notice of it.

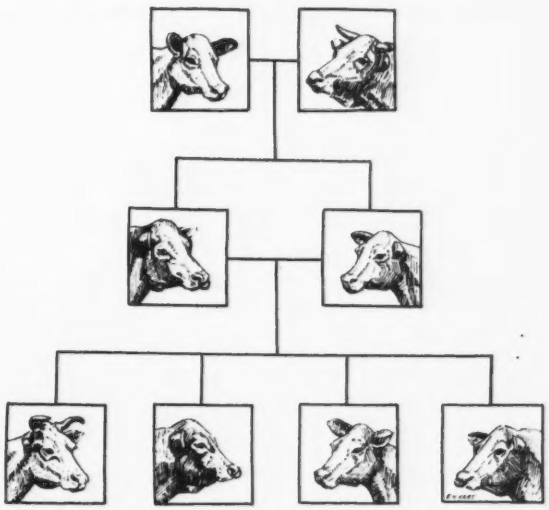
Dr. Liberty Hyde Bailey of Cornell, however, had made a listing, along with his other references, of this paper, although I understand he never read it himself. A Dutchman named DeVries happened to see the reference among Dr. Bailey's listings. He read the paper and rediscovered Mendel's law of inheritance.

Mendel did not have the benefit of the knowledge about the genes and the chromosomes, unfortunately. Otherwise, his work would have been very much easier for him. However, what he did was to count and that was what his predecessors had failed to do, otherwise one of them would doubtless have discovered the theory instead of Mendel. Mendel showed us that where we reduced the individual down to its smallest inherited component traits; where there is a difference between two individuals in regard to one of these unit traits, and these two individuals are mated, then one trait will appear in the offspring, while the other will not. The trait which appears he called the dominant, and the trait which did not appear, or receded, he called the recessive.

You see that each of these traits are in the end determined by a pair of genes in a pair of chromosomes. Naturally, therefore, one-half of the inheritance came from one parent, and one-half from the other. This is because one gene came from one parent and its partner from the other parent. Now suppose that we consider the character of hornlessness as an example. A pure bred polled bull mated to a horned cow will give us calves without any horns. All of them will be hornless because hornlessness is dominant. But that characteristic of hornlessness in the offspring will, we know, be only an indication of a corresponding pair of genes in the germ plasm. In other words, hornlessness is governed by a pair of genes, and we know that because the offspring in this case is a hybrid, that the pair is not uniform. One of the genes will produce horns if it mates up with another like itself and one will produce a lack of them. But because it has been found that hornlessness is dominant over the horned condition, therefore, the progeny would be all without horns. In other words, the pure horned condition will produce only horned calves; the pure hornless condition will produce only hornless calves; while a horned mated with a hornless will produce hornless calves, but they will be mongrels.

People often ask: Is there any reason for a trait being dominant or recessive? Is it the weaker trait that is recessive? We do not know *why*, although there is no doubt but what it is a chemical or mechanical reason. The real cause is ultra microscopic, however, and we can only guess.

A practical application of Mendelism to a case like this will be for us to investigate and see what would be the result of mating a pair of these hybrid calves when they are grown, each of which appears



Inheritance of hornlessness. A pure hornless animal mated to animals with horns gives only hornless calves, which if mated together produce calves in the ratio of twenty-five per cent with horns, fifty per cent hybrid hornless and twenty-five per cent pure hornless.

without horns. Mendel, in his study of this type of inheritance in garden peas, found that the recessive would appear in twenty-five per cent of the cases and, from actual breeding experience, it has been conclusively shown that in this case also the recessives would appear in twenty-five per cent of the cases. It is just plain mathematics. Each hybrid has two genes, making a total of four. Now take two at a time and there are only four possibilities, as you know, from your elementary mathematics. A horned might mate with a horned; a hornless with a hornless, or, in two cases, a horned might mate with a hornless. So we expect that we shall have twenty-five per cent of pure horned; fifty per cent hornless but hybrid, and twenty-five per cent pure hornless. And there you have Mendel's theory in a nut shell. When we say "a 25-50-25 ratio," it does not mean that if a pair of hybrid cattle—hybrid for hornlessness—were mated, and if the cow happened to have quadruplets, that there would be one pure horned, two hybrid hornless and one pure horned. Of course not, not any more than one would expect that a consecutive flipping of a penny would produce a perfect alternative series of heads and tails. There would be runs of many heads in a row and likewise of tails. Just so, there might be four hornless among one quadruplets, but, taken in the long run, the chances are for a 25-50-25 per cent distribution.

The Broader Application of Mendelism

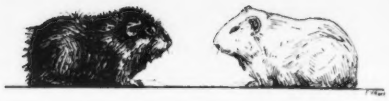
HERE you see listed some of the known inherited characteristics in cattle.

It is not a very long list. If we were to examine such a list in rodents, we would find enough to fill almost a page of the Guernsey Breeders' Journal because rodents are very small, inexpensive to feed and can be kept in a relatively small space. The generations are short.

Cattle, on the other hand, have long generations, are expensive to keep for study purposes and for that reason we know so little about them.

Now, as a matter of fact, it is only necessary that we know the essential principle of Mendelism. My own personal opinion is that Mendelism can be of very little practical use to the breeders of cattle. I know that may be considered by geneticists to be scientific Bolshevism, but, on the other hand, I think I am correct in my assertion. The fundamental principle, of course, is applicable, and everyone should know it, but the fundamental practical application is negligible and unless I can be proved wrong, I will stand by my guns.

Consider any of the characteristics of cattle that you wish which are most valuable to human beings—take butter fat production; take milk production; take the ability to produce milk over an extended period, rapid growth, which is another way of saying rapid assimilation, and use of foods; take docility in the bull or the cow; take the placement of teats or the shape of the udder, the general conformation of the cow; take almost anything you want to name and see if you can determine that it is governed by a pair of genes in the germ plasm. You may find that it is governed by many, many genes, and in most cases you will be right. The



The humble guinea pig, like other rodents, has been studied until there is not much left to be known about its Mendelian characters. If cattle could be kept as cheaply, we might know more about them, too.

capacity to produce great quantities of milk is, in a sense, the sum total of everything the cow has. If she is easily upset, nervously, her production falls off. If she lacks vitality, she cannot produce. It is something like success in a human being which usually represents the sum total of everything the person possesses. A cow might be a wonderful individual, but lacking the opportunity she will never have a chance to demonstrate it. How, then, do we get at a study of heredity under these conditions?

We get at it with an adding machine. I think that the adding machine method of studying heredity is by all odds the most important, and yet, judging by the number of experimental papers that have appeared on this question, it is altogether too much neglected.

Dr. Gowan of Princeton has done some monumental work, for us who are interested in animal breeding, by the adding machine method. Dr. Harry H. Laughlin in his present study of racing ability in horses, is also making a similar study for us, which will, when published, be of inestimable value to every animal breeder the world over.

Why, just think. If we take a characteristic that is governed by three pairs of determiners in the germ plasm there are sixty-four possible re-combinations of those three determiners. When one begins to study a character like milk-producing ability, which is the sum total of all that the cow has, one runs into thousands and thousands of determiners. The adding machine method is the only method under such circumstances, and to be perfectly fair and honest the adding machine method comes pretty close to being an interpretation of common sense applied to animal breeding.

On the basis of the knowledge of records which have been made by various animals in the past, by computing these records, averaging the near kin, one can form a pretty good idea of what the stock is able to produce. I think, as I have written repeatedly, that the finest bit of common sense ever produced by any method for studying heredity is that which is so ably summed

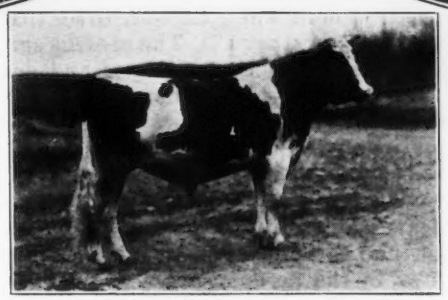
(Please turn to page 606)

DOMINANT	RECESSIVE
High milk yield*	Low milk yield
Low fat percentage*	High fat percentage
Beef type in head and forequarters	Dairy type
Dairy type, in rear	Beef type
Zebu, skeleton, dewlap	Native India cattle
Native India cattle:	Zebu
Skin color	
Size of horns	
Black	Red, dun, yellow, brown, fawn
White spotting, inguinal region	White spotting on face, throat, shoulders, rump, tail above switch, legs
Defective small teeth	Normal
Albino	Pigment
Ear notched	Ear normal
Ear double	Ear normal
Muzzle pigmented	Muzzle clear
Tongue pigmented	Tongue clear
Polled	Horned

*Not pure dominants

Moose Valley Farm Dispersal

Sixty-two Head Go Into Twenty-four Herds



Three Herd Sires

Left: Moose Valley Valiant 152234

Center: Moose Valley Whiteface 193675

Right: Moose Valley Brookmead 75669

IN the dispersal of the herd owned by Theo. Hollister at Moose Valley Farm, Duluth, Minnesota, another good herd has passed on. Mr. Hollister has been a breeder for a great many years and during all those years has been an ardent advocate of testing. As a result of this testing there were fifty records made at Moose Valley Farm, including several triple letter and heifer records, that averaged 11820.6 pounds of milk and 584.74 pounds of butter fat.

Mr. Hollister has been the breeder of some very fine animals and probably achieved the height of his breeding activities when he was awarded, at the National Dairy Show in 1930, the Guernsey Perpetual Challenge Trophy for being the breeder of the grand champion female, Moose Valley Minuet 156989, that was owned and exhibited by Boulder Bridge Farm.

Because of the poor health of Mr. Hollister he felt it necessary to disperse the herd, and the sixty-two head that were sold brought a total of $4,443. It is hoped that while the herd is scattered in many directions that the interest of Mr. Hollister will remain as sincere as it has been in the past. There are few breeders of Guernseys who have been any better students of the Guernsey breed and its activities.

Following is the sale list:

Henry Amundson, Stillwater, Minnesota
- Moose Valley Gentle 241269 $105

Charles H. Bade, Elk River, Minnesota
- Langwailer Senator 138758 (Bull) 70
- Moose Valley Iris 341204 47.50

N. F. Banfield Corporation, Austin, Minnesota
- Moose Valley Confidence 229619 90
- Moose Valley Reliance 253451 110
- Moose Valley Lorna 297797 90
- Moose Valley Mistress 199439 100
- Calf out of Moose Valley Mistress 199439 20

Barrett and Zimmerman, St. Paul, Minnesota
- Moose Valley Tranquil 297794 42.50
- Trianon Caprina 295302 47.50
- Moose Valley Trim 238374 57.50

Harold E. Bemis, Excelsior, Minnesota
- Moose Valley Goldenglow 349794 67.50

H. S. Hansen, Milltown, Wisconsin
- Moose Valley Optimist 199807 (Bull) 75

P. H. Hjelle, Minneapolis, Minnesota
- Moose Valley Promise 264941 60
- Moose Valley Venus 261388 52.50
- Moose Valley Nectar 355021 60
- Moose Valley Mayfair 281944 52.50
- Moose Valley Magician 199805 (Bull) 52.50

R. W. Hodnett, Stillwater, Minnesota
- Moose Valley Sovereign 199806 (Bull) 62.50

Soren Jensen, Nelson, Minnesota
- Moose Valley Trustful 168606 110
- Moose Valley Caprice 182461 62.50
- Moose Valley May-Day 256994 62.50

L. E. Jones, Prescott, Wisconsin
- Moose Valley Alsyke 256993 97.50
- Moose Valley Alba 289325 57.50

W. C. Knapp, Stanton, Minnesota
- Moose Valley Oriole 341202 57.50
- Moose Valley Harmony 357221 52.50

G. La Plant, Elk River, Minnesota
- Moose Valley Chickadee 188687 80

James Libby, Minneapolis, Minnesota
- Moose Valley Laurel 228434 60

A. Marckel, Perham, Minnesota
- Moose Valley Valiant 152234 (Bull) 80
- Moose Valley Juno 261390 70
- Moose Valley Nightingale 267921 200
- Calf out of Moose Valley Nightingale 267921 15
- Moose Valley Arbutus 241692 120
- Moose Valley Model 186719 (Bull) 62.50
- Calf by Moose Valley Model 186719 37.50

J. B. McLeran, Duluth, Minnesota
- Moose Valley Brookmead 75669 (Bull) 150
- Moose Valley Whiteface 193675 (Bull) 85
- Moose Valley Distinction 238372 135
- Moose Valley Bountiful 333665 75
- Trianon Capricette 260332 100
- Moose Valley Vanity 349795 100
- Moose Valley Pansy 212546 82.50
- Moose Valley Favorite 297795 100

Ernestine M. Mitchell, Anoka, Minnesota
- Moose Valley Valentine 276651 75
- Moose Valley Lassie 126860 70

B. B. Nelson, Minneapolis, Minnesota
- Moose Valley Daffodil 312712 60

H. E. Pence, Minneapolis, Minnesota
- Moose Valley Nugget 171464 75
- Calf out of Moose Valley Nugget 171464 15
- Moose Valley Sweet Clover 211478 130
- Moose Valley Darling 238373 70

C. O. Peterson, Minneapolis, Minnesota
- Moose Valley Proud Lady 355022 50
- Moose Valley Millet 355020 52.50
- Moose Valley Starlight 357220 50
- Moose Valley Madcap 341201 47.50
- Moose Valley Mayflower 357222 47.50
- Moose Valley Northern King 199809 (Bull) 40

J. H. Rischmueller, Gaylord, Minnesota
- Moose Valley Douglas 199808 (Bull) 60

H. Schultz, Red Wing, Minnesota
- Moose Valley Navigator 195955 (Bull) 60

H. Van Ruden, North Branch, Minnesota
- Moose Valley Docile 298628 80
- Moose Valley Mercury 261389 87.50

Williams and Williams, Montevideo, Minnesota
- Moose Valley Peer 199811 (Bull) 13

O. Works, North St. Paul, Minnesota
- Moose Valley Wildrose 312713 45

Editorial Comment....

H. I. Records on Lactations

The original rule for computation of credits of herds undergoing Herd Improvement test required that all cows of milking age in a herd be started on test at the same time and that their production be computed for one year from the date of the beginning of the test year. Often, some of the cows had been in milk some time when the test year began and would go dry and freshen again before the end of the year's test; thus, the Herd Improvement record would include portions of two lactation periods.

This rule was changed at the May meeting of the Executive Committee so as to require the computation of Herd Improvement records on the basis of lactation periods. All cows of milking age in a herd will commence test on the same date as heretofore, but they must be continued until all have been tested for one year, counting the fourth day after freshening as the first day.

In many cases this will require the continuance of the Herd Improvement test several months beyond the end of the first calendar year. Thus, the owner of a herd may get from his supervisor the herd average for the first calendar year and he will get from the Club office the yearly records of all individual cows in the herd, computed from the fourth day after calving, counting the day of calving as the first day. Heifers that freshen the first time, during the initial Herd Improvement test year, may be started on test immediately after calving and continued for an entire year. Although urged to do so, it is optional with the herd owner whether he continues the Herd Improvement test after lactation records have been secured on all the cows entered on test at the beginning of the Herd Improvement test year. If the test is continued, however, after such records have been obtained, the herd owner will be required to test only the heifers as they freshen. Reentry records may be made, however, if the herd owner so desires.

No change has been made in the Herd Improvement entry fee. A fee of $1.00 will be required for each cow that begins test with the first Herd Improvement test year; also an additional $1.00 will be required for such of these cows as had not completed a lactation record at the beginning of the second Herd Improvement test year, this additional fee to be paid at the beginning of the second test year. The fee for heifers, with first calf, is likewise $1.00 per head. Fees must accompany the applications to test.

Milk Prices Settled

Unstabilized prices for milk affect more dairymen than any other single factor in the business. Irrespective of where these unsettled prices may be in effect, it reflects upon the marketing of all milk. Last summer a very heated contest was carried on in Portland, Oregon, which finally resulted in the producers securing a much fairer amount for their milk. This past winter some 30,000 New England dairymen have been disorganized and all but crushed by price conditions on the Boston market.

As a result of this serious condition the Governors of the New England states called a conference of agricultural leaders and appointed a commission to work on the problem as a New England problem rather than as a state problem. After several months' time there has been organized a temporary association known as the New England Dairies, Incorporated, and they have now secured control of eighty per cent of the Boston milk supply. This organization comprises the producers and dealers who are working together through the New England Dairies. The price of milk has advanced to $2.60 per hundred pounds, which will average nearly one cent a quart advance, and this became effective on May 1 on 3.7 milk delivered in Boston.

Under the terms of the contract the question of price can be open at any time on a five day notice. If the new organization and the dealers do not agree the matter automatically goes to a board of arbitrators, one to be named by the New England Dairies and one to be named by the dealers and they in turn to name the third. The Governors' Advisory Milk Board is now a New England Milk Administration Board whose functions are to see that the terms of the contract are fulfilled.

The present agreement includes nearly all of the large producers and dealers with the exception of a unit at Bellows Falls, Vermont, that sells to the First National Stores, and the United Farmers Morrisville, Vermont.

The result of this plan is the direct outcome of the New England Governors' conference and the Board which resulted from this conference. Monthly reports of sales, purchases and prices must be submitted to the milk administration board by each dealer who is under contract. Failure to meet this requirement will subject the dealer or member to a penalty of one-half cent a quart on all milk sold under any other price or condition. The Milk Administration Board has appointed as its chairman Dr. H. B. Ellenberger of the University of Vermont.

The action of the commission and the Governors is to be commended for it is extremely essential in these times that producers and distributors work in cooperation with each other.

SALES AND MEETINGS

June 2. Twentieth Ohio Consignment Sale at Wooster, Ohio. Ohio Guernsey Breeders' Association, sale managers.

June 3. Minnesota Guernsey Breeders' Association annual state field day, Lake Coronis, Paynesville, Minnesota.

June 4. Annual field day of Connecticut Guernsey Breeders' Association, Grassland Farms, Taconic, Connecticut.

June 8. Van Wert County Guernsey Breeders' Association Ninth Annual Consignment Sale, Van Wert County Fair Grounds, Van Wert, Ohio. Otto Gehres, Wren, sale manager.

June 10. Richland Guernsey Breeders' Association field day, Raemelton Farm, Mansfield, Ohio. The Ashland association will join the Richland Association in this event.

June 11. Wayne Guernsey Breeders' Association field day at the farm of J. O. Erwin, Bowdil, Ohio.

June 15. Defiance-Williams Guernsey Breeders' Association field day at the farm of their president in Williams County, seven miles west of Pioneer, Ohio.

June 16. Van Wert Guernsey Breeders' Association field day at the farm of Julius Friedly, Convoy, Ohio.

June 18. Knox County, Ohio, Guernsey Breeders' Association field day.

June 20. Firestone Farm's first Holstein-Guernsey Sale, Riding Pavilion on the farm, Akron, Ohio.

June 21. Holmes County Guernsey Breeders' Association field day at the farm of L. W. Bower, Glenmont, Ohio.

June 21. Wisconsin state picnic and field day, Blum Brothers Farm, Granton, Wisconsin. Eighteen miles southwest of Marshfield.

June 22. Ashtabula-Trumbull Guernsey Breeders' Association field day, Old Brick Farm, north of Orwell, Ohio.

June 23. Chagrin Valley Guernsey Breeders' Association field day, Elgercon Farm, Willoughby, Ohio.

June 24. Columbiana-Mahoning Guernsey Breeders' Association field day.

June 24. Sheldegren Farm Guernsey Sale at the farm, Greenfield, Massachusetts. Sale managed by the Wetmore Sales Company, Winsted, Connecticut

June 25. Stark-Portage-Summit Association field day.

June 30. Sixth Aldrich Farm Field Day, Rehoboth, Massachusetts.

FAIRS AND EXPOSITIONS

July 4-9. Northwest Fair, Minot, North Dakota.

Aug. 24-Sept. 2. Seventy-eighth annual Iowa State Fair, Des Moines, Iowa. Guernseys will be judged on Tuesday, August 30, by Professor Earl Weaver.

Sept. 5-10. New York State Fair, Syracuse, New York.

Sept. 18-24. Eastern States Exposition, Springfield, Massachusetts.

Sept. 28-Oct. 1. Bryn Mawr Guernsey Show, Bryn Mawr, Pennsylvania.

Sept. 30. Piedmont, Virginia, Dairy Festival, Manassas, Virginia.

Oct. 1. New Jersey Guernsey Breeders' Association, Incorporated, Guernsey Cattle Show, Far Hills Fair Grounds, Far Hills, New Jersey.

Oct. 3-9. Dairy Cattle Congress, Waterloo, Iowa.

Oct. 8. Sixth Annual Sewickley Guernsey Cattle Club Show, at the Allegheny Country Club Show Grounds, Sewickley Heights, Pennsylvania. W. K. Hepburn, Anselma, Pennsylvania, will judge.

Nov. 5-11. Pacific Slope Dairy Show, Oakland, California.

National Sale

(*Continued from page 576*)

Mrs. F. L. Weyenberg, Thiensville, Wisconsin
Butterfat Golden Flora 268483 350
George M. Hendee, Suffield, Connecticut
Boulder Bridge Dardenella 325703 500
Boulder Bridge Farm Company, Excelsior, Minnesota
Boulder Bridge Emerita 340049 600
Boulder Bridge Farm Company, Excelsior, Minnesota
Rockingham Royal Choisie 350738 275
D. G. Tenney, Salem, New Hampshire
Dunwalke La Fleur's Butterfat 193473 (Bull) 500
Dunwalke Farm, Far Hills, New Jersey
Caumsett Northern Blossom 287551 350
Caumsett Farm, Huntington, Long Island, New York
August Ziesing, Deerfield, Illinois
Cooper's Africander's Norna 311903 300
Tom Cooper, Ardmore, Oklahoma

Sidelights on the National Sale

NOT many there from the East, but among those we saw were Robert Scoville, Howard Heinz, John S. Ames, S. M. Shoemaker, Louis McL. Merryman and his cane, Joseph L. Hope, George M. White, John S. Clark, W. S. Sheehan, Frank Smith and his Butterfat, A. A. Thompson, Floyd Hartzell, Ralph Flinn, Harry Strohmeyer and his camera, James Robertson, Wm. H. Caldwell, Karl Musser, and others besides.

Tom Cooper, Dick Ulken and C. C. Cartwright came from the lower Mississippi Valley. Most of the rest were from west of Pittsburgh and north of Cairo.

Messrs. Bain and Benjamin worked hard. It was a cold, quiet crowd to start. A good story, once told, becomes public property. It will not hurt to print these because George Bain never repeats himself, so it will not be stealing his gags. Here they are as jotted down, without the benefit of George's inimitable voice and smile.

"Too late for a Derby tip, but I wasn't fooled. You know, next to Guernsey milk Kentuckians love their Burgoo!"

"Little corner lot, don't you cry—you'll be a filling station, bye and bye," said the real estate developer.

Charlie Hill: "The only reason this bull is being sold is that the consignor is going out of business and has lost his interest."

George Bain: "H'm! I know a lot of fellers that have lost their interest and principal, too."

"I've heard a lot of you fellows brag about your pedigree—but this bull has papers to ***prove*** he has a pedigree."

"A boxing professor hit his pupil an awful wallop. 'That's what we call a half hook,' he said. And the pupil said, 'My gosh, you can keep the other half'."

A man returned from Scotland. "How'd they treat you over there?" "Reluctantly."

Traveling man away from home, expected a visit from stork in his absence. Wanted a boy, had six girls. "And when the boy brought him a telegram telling him he had another daughter, he read on the envelope: 'When you want a boy, call Western Union'."

A colored preacher exhorted his congregation to get busy. "Put your trust in the Lord, put your Ford in the garage, put your family in the field, and live by the sweat of your brow."

The spotlight over the sale ring went out just as Lot 26, Loma Sweetheart, walked in. "Never mind, when the lights go out is always a good time to bring your sweetheart in!"

In the good old kerosene days a young fellow went to call on his girl to pop the question. He was nervous—a little red shaded lamp stood on the table. "Little lamp—you or me, one or the other, is going to get turned down in a few minutes!"

A small town lawyer, a strict teetotaler, was about to plead a case. Always had a glass of milk handy in court. One day the boys put a little spike in his glass of milk. He took a little sip, then another little sip, then another long sip, then,—"What a cow!"

"It was so quiet you could have heard a gum-drop."

And others, but only these have reached cold type. But it takes George to tell 'em and put 'em over.

The sale started at 12:07 p. m. Charles L. Hill reviewed the history of the National Sales since F. L. Ames first endorsed the idea of holding a National in the Middle West at Meeker's in 1918. "Business as usual," was the theme of his plea for the sale.

Interested bidders were the Japanese, H. Ono and S. Furuya of Tokio, and they bought the last bull. They have been buying pure bred heifers in Wisconsin and will ship from San Francisco.

On an error in recognizing bids, Langwater Bonanza 164695 was brought back for re-sale. He brought $100 more than before.

They started the sale with nine bulls, and the first one topped the sale for bulls at $725. The third female sold topped the cows and the sale at $750. Third money in females came in ninth from last place on the sale order on an amusing mix-up in numbers. But Charlie Tisdale knew his heifers.

Twenty five dollar bids prevailed until the fourteenth animal, when, and after which, ten dollar calls closed the bidding.

A mail bid took the son of "County Flower" to Louisiana. A telephone bid nearly took another bull to Minnesota.

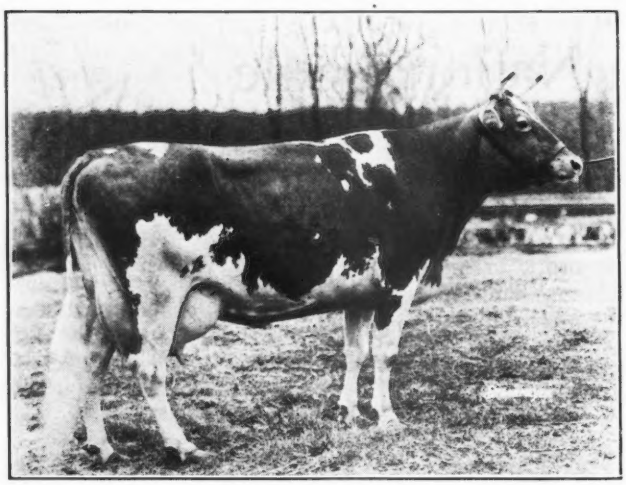
Well—all we know is what we heard around the ringside.

Baumgartner Cows Given Publicity

THE Green Bay, Wisconsin, Gazette recently published the pictures of three Guernseys owned by Baumgartner Brothers of Wrightstown. These three animals, along with two others, have just completed good official production records.

OUR NEW CLASS LEADERS

Roughwood Belle 256963, A. R. 29807
Second in Class FF



		Milk	Butter Fat	
Sire: Roughwood Prestige 112432, A. R.	1931	Lbs.	%	Lbs.
Dam: Babette of Roughwood 124584, A. R.	Mar. 24,	250.4	3.43	8.59
16284.	Apr.	1352.4	5.00	67.62
Breeder: Ernest B. Dane, Center Harbor,	May	1387.9	5.34	74.11
N. H.	June	1230.9	5.63	69.30
Owner: Ernest B. Dane, Center Harbor,	July	1195.0	5.67	67.76
N. H.	Aug.	1173.1	5.66	66.40
Born May 16, 1928. Calved Mar. 17, 1931.	Sept.	1102.4	5.65	62.29
Served June 19, 1931.	Oct.	1051.1	6.01	63.17
Carried calf 277 days during test.	Nov.	994.7	6.01	59.78
Requirement for admission: 321.6 lbs. fat.	Dec.	951.4	6.39	60.79
Supervised by New Hampshire Station.	Jan.1932	927.8	6.70	62.16
3 milkings daily.	Feb.	842.3	6.57	55.34
	Mar. 22,	588.4	6.37	37.48
	Total	13047.8	5.78	754.8

Retests taken in April, May, June, and July, 1931.

On March 22 Roughwood Belle 256963 completed a record of 13047.8 pounds of milk and 754.8 pounds of butter fat in class FF, which places her second in the class. She was bred and is owned by Ernest B. Dane of Center Harbor, New Hampshire. The day after her test was completed she dropped a fine heifer calf to the service of Roughwood Cavalier 150866 and she immediately started milking forty pounds.

Roughwood Belle 256963 is the fifth daughter of her sire, Roughwood Prestige 112432, to be tested, and these five daughters average nearly 600 pounds of butter fat each in classes G or F. Roughwood Prestige 112432 was sired by Regent of Roughwood 67926, that has eleven Advanced Register daughters and two Advanced Register sons, and was out of Demonstrator's Pearl of Longwood 128074, the dam of one Advanced Register daughter and one Advanced Register son, and that also has a record of 11981.4 pounds of milk and 718.0 pounds of butter fat in class G.

The dam of this new class leader is Babette of Roughwood 124584. She has records of 10135.4 pounds of milk and 541.3 pounds of butter fat in class G and 14168.0 pounds of milk and 745.1 pounds of butter fat in class A, and is the dam of two Advanced Register daughters. Her sire was Double N. 42408, the sire of eleven Advanced Register daughters, while her dam was Bo-peep of Roughwood 58074, that had three Advanced Register daughters and a record of 7154.2 pounds of milk and 418.9 pounds of butter fat in class E.

Roughwood Belle 256963 is the fifth class leader to be produced in the Roughwood Guernsey herd. Three of them, Afterglow of Roughwood 84605, Winnie of Roughwood 96448 and Destiny of Roughwood 152812, are still among the class leaders in class E, C and D, respectively.

Dunwalke Yellow Squaw 268299, A. R. 29810
Second in Class GGG

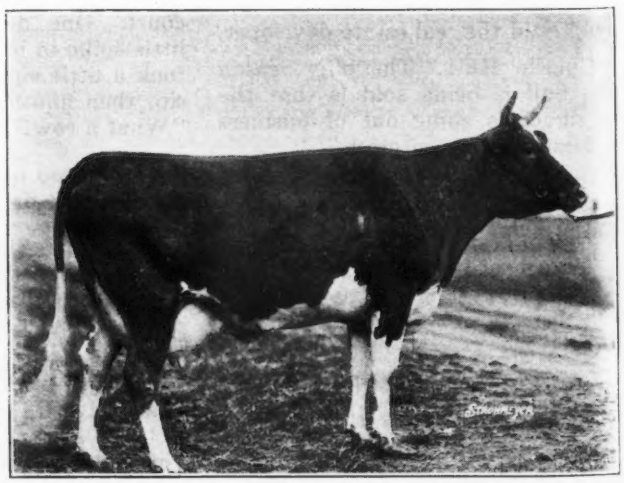
By producing 9134.9 pounds of milk and 561.9 pounds of butter fat, Dunwalke Yellow Squaw 268299 now takes second place in class GGG. She was bred and is owned by Clarence Dillon of Bedminster, New Jersey.

Dunwalke Yellow Squaw 268299 was sired by Dunwalke Chieftain 124684, that, in turn, was sired by Imp. Fanny's Honour 114361, the sire of three Advanced Register daughters, and was out of Imp. Valentine's Fortune of Passee Villa 190649, that has one Advanced Register daughter and one Advanced Register son.

Dunwalke Myrtle's Primrose 208275, that has a record of 11449.4 pounds of milk and 597.2 pounds of butter fat in class GG, is the dam of the new class leader. She was sired by Imp. Blanchette's Butterfat 104968, the sire of ten Advanced Register daughters and one Advanced Register son, and was out of Imp. Lanoes' Maid's Myrtle 190656, that has one Advanced Register daughter.

		Milk	Butter Fat	
Sire: Dunwalke Chieftain 124684.	1931	Lbs.	%	Lbs.
Dam: Dunwalke Myrtle's Primrose 208275,	Apr. 23,	263.9	5.90	15.57
A. R. 24582.	May	1151.1	5.90	67.91
Breeder: Clarence Dillon, Bedminster, N. J.	June	997.4	5.49	54.76
Owner: Clarence Dillon, Bedminster, N. J.	July	956.9	5.53	52.92
Born Nov. 6, 1928. Calved Apr. 20, 1931.	Aug.	959.4	5.47	52.48
Served June 22, 1931.	Sept.	863.8	6.28	54.25
Carried calf 244 days during test.	Oct.	878.3	6.38	56.04
Requirement for admission: 267.2 lbs. fat.	Nov.	836.2	6.37	53.27
Supervised by New Jersey Station.	Dec.	883.1	7.05	62.26
2 milkings daily.	Jan. 1932	792.0	7.11	56.31
	Feb. 21,	552.8	6.53	36.10
	Total	9134.9	6.15	561.9

Check test taken in August, 1931.



ADVANCED REGISTER NOTES

Advanced Register

State Champions

ARKANSAS

A. Cecil's Mary of Fairview 174855, 13967.9 pounds of milk; 627.6 pounds of butter fat; breeder, Peter Cologna and Sons, Marshfield, Missouri; owner, Conoway Scott, Scott.

COLORADO

G. Minnie's May Rose 2d 280854, 11242.8 pounds of milk; 558.6 pounds of butter fat; breeder, H. D. Parker, Greeley, Colorado; owner, Clark Bender, Hygiene.

GG. Pergue's Lassie May 2d 292987 10815.8 pounds of milk; 529.4 pounds of butter fat; breeder, H. D. Parker, Greeley, Colorado; owner, Robert Roemer, Fort Collins.

EEE. Lady Rosalind's Bess 253681, 7503.6 pounds of milk; 383.3 pounds of butter fat; breeder, W. C. Evans, Fort Collins, Colorado; owner, Harry C. Evans, Fort Collins.

KENTUCKY

D. Radium's Tragedienne 294410, 14330.0 pounds of milk; 696.2 pounds of butter fat; breeder, W. T. White, Chagrin Falls, Ohio; owner, Wood F. Axton, Prospect.

MAINE

AA. Don's Helen of Highland 138328, 15200.4 pounds of milk; 846.5 pounds of butter fat; breeder, J. H. Wellman, Gardiner, Maine; owner, Millay Brothers, Richmond.

NEW HAMPSHIRE

F. Roughwood Belle 256963, 13047.8 pounds of milk; 754.8 pounds of butter fat; breeder and owner, Ernest B. Dane, Center Harbor.

FF. Roughwood Belle 256963, 13047.8 pounds of milk; 754.8 pounds of butter fat; breeder and owner, Ernest B. Dane, Center Harbor.

NEW JERSEY

GGG. Dunwalke Yellow Squaw 268299, 9134.9 pounds of milk; 561.9 pounds of butter fat; breeder and owner, Clarence Dillon, Bedminster.

THE FOLLOWING COWS DESERVE HONORABLE MENTION FOR OUTSTANDING RECORDS

Name and Number	Test Ended	Lbs. Milk	Lbs. B. Fat	Class
Bellview Bettie Bianica 189321, A. R. 22739 Owner: Chester C. Bolton, South Euclid, Ohio.	2-19-32	16403.3	827.9	A
Imp. Fanny's Queen Valentine of Melrose 175179, A. R. 21275 Owner: John F. Talmage, Mendham, New Jersey.	3-16-32	17897.1	849.7	AA
Don's Helen of Highland 138328, A. R. 29785 Owner: Millay Brothers, Richmond, Maine.	2—9-32	15200.4	846.5	AA
Violet of King Hill 170998, A. R. 29741 Owner: Hugh Barclay, Pulaski, New York.	2-11-32	15245.1	803.0	AA
Heweshurst Zona 223323, A. R. 29832 Owner: A. D. Thayer, Gwynedd Valley, Pennsylvania.	2—3-32	12344.3	711.7	AA
Tarbell Farms Ultra Mignonette 207856, A. R. 24782 Owner: Gage E. Tarbell, Smithville Flats, New York.	12-30-31	14618.3	592.9	AAA
Willmere's Marie Antoinette 248461, A. R. 25766 Owner: John A. Miller, Nazareth, Pennsylvania.	2-28-32	14038.2	685.9	DD
Richel's Raider's Murne of Gazelle 234809, A. R. 29770 Owner: D. T. Bishop, Hartville, Ohio.	11-20-31	9138.0	448.9	DDD
Lady Bess's Pansy 242792, H. I. 336 Owner: L. C. Myers, Lapaz, Indiana.	3-30-32	10240.6	582.1	DHI
Croixlands Little Star 251744, H. I. 332 Owner: L. C. Myers, Lapaz, Indiana.	3-30-32	10963.2	560.8	EHI
Roughwood Belle 256963, A. R. 29807 Owner: Ernest B. Dane, Center Harbor, New Hampshire.	3-22-32	13047.8	754.8	FF
Hilltop Butterfat Rosette 265850,A. R. 29754 Owner: George M. Hendee, Suffield, Connecticut.	1-22-32	13325.9	775.0	G
Rockingham Fanny 324563, A. R. 29829 Owner: Daniel G. Tenney, Methuen, Massachusetts.	2—8-32	13890.8	610.5	GG
Dunwalke Yellow Squaw 268299, A. R. 29810 Owner: Clarence Dillon, Bedminster, New Jersey.	2-21-32	9134.9	561.9	GGG

THE FOLLOWING COWS DESERVE HONORABLE MENTION FOR ONE MONTH'S PRODUCTION

(Credits subject to final verification)

Name ahd Number	Test Begun	Month	Lbs. Milk	Lbs. B. Fat	Class
Grassland Zenoria 185315 Owner: Robert and Herbert Scoville, Taconic, Connecticut.	10-18-31	Jan Feb	2252.0 2112.2	90.98 95.68	A
Deershorn's Perfection 295860 Owner: Vernon D. Mudgett, Sterling Junction, Massachusetts.	12-27-31	Jan	1372.7	88.68	C
Grassland Valid 241739 Owner: Robert and Herbert Scoville, Taconic, Connecticut.	1-19-32	Feb	1683.4	72.39	CCC
Fircrest French Beauty 272293 Owner: A. Macrae Smith, Lynden, Washington.	12—3-31	Mar	1191.7	84.37	D
May Royal's Eloise 249165 Owner: J. C. Penney-Gwinn Corporation, Hopewell Junction, New York.	11-15-31	Mar	1296.0	80.74	D
Fircrest La France's Hope 250298 Owner: A. Macrae Smith, Lynden, Washington.	11-23-31	Mar	1164.7	78.62	D
Dunwalke Victoria 261576 Owner: Clarence Dillon, Bedminster, New Jersey.	11-24-31	Mar	1179.1	60.96	EEE

Herd Improvement

State Champions

INDIANA

DHI Lady Bess's Pansy 242792, 10240.6 pounds of milk; 582.1 pounds of butter fat; breeder and owner, L. C. Myers, Lapaz.

EHI Croixlands Little Star 251744, 10963.2 pounds of milk; 560.8 pounds of butter fat; breeder Robert H. Shirk, Lapaz, Indiana; owner, L. C. Myers, Lapaz.

WISCONSIN

AHI May of Alvadean 152831, 10579.8 pounds of milk; 557.4 pounds of butter fat; breeder, M. W. Perry, Algoma, Wisconsin; owner, Wilbur M. Becker, Fort Atkinson.

Peggy's Mary May 2d 221505, bred by H. D. Parker, Greeley, Colorado, and owned by Clark Bender, Hygiene, Colorado, has finished her first test in class C with 13531.9 pounds of milk and 856.3 pounds of butter fat. When this record becomes official she should become a class leader taking ninth place for her class.

Ethel May of Troutmere 182064, owned by R. W. Krobitzsch, La Honda, California, produced during the month of February, 2020.0 pounds of milk and 79.39 pounds of butter fat in class A.

Mount Hope Periwinkle 256531, bred and owned by E. Parmalee Prentice, Williamstown, Massachusetts, has completed her first record in class FF with 13764.3 pounds of milk and 695.9 pounds of butter fat. When this record becomes official she should become a class leader.

Loma Rilma 228136, owned by L. G. and M. Y. Kaufman, Marquette, Michigan, produced during the month of March, 1847.8 pounds of milk and 119.37 pounds of butter fat in class A.

The following is a list of animals having three or more Advanced Register records, the last one of which has become official since the last publication of the Journal:

Corfu of the Rancho 95172

Lbs. Milk	Lbs. B. Fat	Class
8902.8	417.2	DD
10743.1	457.8	A
14777.8	586.7	A
12987.6	578.7	A
10966.3	490.6	A

Owner: D. O. Brant, Canoga Park, California.

Imp. Sea Belle's Bountiful of Le Briquet 239222

Lbs. Milk	Lbs. B. Fat	Class
8878.2	461.2	DDD
12755.6	666.3	B
15164.7	771.5	A

Owner: Hugh Barclay, Pulaski, New York.

Imp. Fanny's Queen Valentine of Melrose 175179

Lbs. Milk	Lbs. B. Fat	Class
12425.8	610.1	G
14253.0	707.9	BB
17897.1	849.7	AA

Owner: John F. Talmage, Mendham, New Jersey.

Cecil's Mary of Fairview 174855

Lbs. Milk	Lbs. B. Fat	Class
8848.4	447.0	CC
10698.6	496.7	A
13967.9	627.6	A

Owner: Conoway Scott, Scott, Arkansas.

Appin's Christine 287445 Owner: L. E. Stroud, Great Falls, South Carolina.	1-20-32	Feb	1110.7	65.86	F
Grassland Valois 280218 Owner: Robert and Herbert Scoville, Taconic, Connecticut.	11-17-31	Feb	1244.5	55.26	FFF
Hilltop Butterfat Rosebud 295212 Owner: George M. Hendee, Suffield, Connecticut.	11—3-31	Mar	1121.1	71.19	G
Hilltop Que Vive Annabelle 295215 Owner: George M. Hendee, Suffield, Connecticut.	1-15-32	Mar	1255.5	66.92	G
Greyholme's Slogan's Faith 304774 Owner: University of Nebraska, Lincoln, Nebraska.	1-12-32	Feb	1118.8	62.99	G
Maggie's Snowdrop 291368 Owner: Helena S. Raskob, Centerville, Maryland.	2—1-32	Mar	1437.1	60.93	G
Noel of Mirador 291276 Owner: Ronald Tree, Greenwood, Virginia.	2-28-32	Mar	1078.5	54.14	GGG
Camp's Petunia Prodigy 293589 Owner: Manual Training School, Bordentown, New Jersey.	12-23-31	Feb	1027.5	53.02	GGG
Tarbell Farms Ultra Verona 294419 Owner: Gage E. Tarbell, Smithville Flats, New York.	7-13-31	Mar	810.0	52.89	GGG
New Hope Miladdie's Pride 301376 Owner: Matt Domaszek, Amherst Junction, Wisconsin.	11-24-31	Mar	973.4	52.66	GGG
Rubslogan of Jewell Hill Farm 291022 Owner: E. G. Woodward, Salisbury, Connecticut.	12-10-31	Mar	1035.6	50.23	GGG
Masher's Treva's Tressie 350676 Owner: John W. Bandy, Bellevue, Ohio.	12—8-31	Mar	998.6	50.03	GGG

Guernsey Owners Meet at Banquet

A NUMBER of Harford County, Maryland, Guernsey breeders and guests enjoyed a banquet recently, with Gladden Davis, president of the association, presiding.

County Agent H. M. Carroll gave interesting data on the cow testing association. Other speakers were Granville Hibberd, manager of Brooklandwood Farm, Brooklandville; H. C. Barker of the University of Maryland; Louis McL. Merryman, Sparks; H. C.

SUMMARY OF 36483 ADVANCED REGISTER RECORDS
(Includes single, double, and triple letter records)

	Records	Lbs. Milk	Lbs. B. F.	Per Cent
Class A	10827	11191.7	550.8	4.92
Class B	2430	10794.0	535.5	4.96
Class C	2871	10450.3	515.6	4.93
Class D	3081	10004.2	499.3	4.99
Class E	3584	9392.0	473.6	5.04
Class F	4520	9454.3	461.4	4.88
Class G	9170	8810.6	441.1	5.01
	36483	10016.0	496.4	4.96

Bates, field representative of The American Guernsey Cattle Club, and Dan Van Pelt of the Purina Mills.

Mr. Van Pelt told how recent extensive experiments had changed calf feeding, eliminating milk from the diet after thirty days. He urged light, bulky feeds, a great quantity of hay and no pasture the first year, and nothing but legume hay or pasture while the heifer is from twelve to eighteen months of age. He also stressed the necessity for cooling feeds for dry cows.

Madison Breeders Elect

At the recent meeting of the Madison County, New York, Guernsey Breeders' Association the following officers were elected: President, Alfred E. Joslin, Cazenovia; vice president, Ralph H. Woolver, Munnsville; secretary-treasurer, N. J. Hitchcock, Hamilton.

An appropriation of twenty-five dollars was made as awards for boys and girls of the 4-H clubs exhibiting Guernsey calves at the Morrisville round-up. President Joslin is also giving a trophy cup to the one exhibiting the first prize Guernsey calf at the round-up, and the girl or boy who gains three successive firsts takes the cup permanently.

Cow Testers Convene

The quarterly conference of cow testers in southeastern Pennsylvania was held in the Montgomery County Agricultural Extension Association office at Norristown recently. The program included a visit to the H. D. Allebach farm at Trappe, where results of dairy improvement work were shown. Over a period of six years this herd has increased milk production sixty per cent and butter fat production sixty-two per cent, as a result of improved feeding practices, elimination of low producers and breeding. Other farms visited were Normandy Farms and Gwynllan Farms at Gwynedd Valley.

Among the speakers who addressed the testers and county agents were D. H. Bailey, dairy extension department of the State College; H. D. Allebach, president of the Inter-State Milk Producers' Association; J. R. Haswell, agricultural extension engineer. C. R. Gearhart, in charge of dairy improvement work, led the discussions.

Central Pennsylvania Testing Association

The dairy herd owned by E. Paul Hoover of Patton, Pennsylvania, led the Central Pennsylvania Guernsey Breeders' Cow Testing Association for the year ending March 1, 1932. This herd, with an average of 13.23 cows for the year, produced an average of 8661 pounds of milk and 417.9 pounds of butter fat. The cow testing association work has enabled the members to build up their herds for high production.

The high producing cow in the association was owned by Mrs. Charles M. Schwab, Immergrun Farm, Loretto. This cow, No. 4, in the grade herd of Mrs. Schwab, produced 11650 pounds of milk and 692 pounds of butter fat as a seven year old. Mrs. Schwab also owned the second, third and fifth high cows in the association.

Thorp Herd High

The Guernsey herd belonging to Donald Thorp of Monroe, Wisconsin, was high herd in the Monroe Herd Improvement Association for the month of April with a total butter fat production of 30.7 pounds. The twenty-five cows averaged 4.09 per cent butter fat.

Bulls in North Carolina

There were 192 pure bred Jersey and Guernsey bulls purchased by dairy farmers in North Carolina during 1931 and they are being used to build up dairy herds in varied communities.

Wood County Breeders Meet

Wood County, Wisconsin, Guernsey breeders gathered at Marshfield on April 22 and elected the following officers: President, Einor Hansen, Marshfield; vice president, William Burhopp, Marshfield; secretary-treasurer and sales manager, A. P. Bean, Vesper.

Among other things discussed at the meeting was the state Guernsey breeders' picnic that will be held at the Paul Blum Farm, Granton, on June 21. Breeders in attendance favored the holding of another pure bred sale at the Marshfield Fair Grounds again this fall.

APPROVED ADVANCED REGISTER RECORDS

From May 1, 1932, to May 15, 1932

Includes A. R. 29741 to 29837 with re-entries: 14485; 21275; 21413; 22488; 22701; 22739; 23197; 23656; 24053; 24453; 24669; 24782; 25043; 25659; 25723; 25766; 26120; 26157; 26299; 26522; 26620; 26667; 26794; 26850; 26960; 26997; 27096; 27250; 27309

CLASS A—Five Years and over

A. R.		Lbs. Milk	Lbs. Fat	Per Cent Fat	Age Yrs.	Age Mos.	OWNER
R¶°21275	Imp. Fanny's Queen Valentine of Melrose 175179	17897.1	849.7	4.75	6	6	John F. Talmage, Mendham, N. J.
	S. Imp. Coventry Valentine's Honour 104965 A. R. D. Fanny's Queen of Moinerie R. G. A. S. 17090 P. S.						
¶°29785	Don's Helen of Highland 138328	15200.4	846.5	5.57	8	9	Millay Brothers, Richmond, Maine.
	S. Helen's Don of Elmlawn 54380 D. Minnetaki of Highland 72893						
R°22739	Bellview Bettie Bianica 189321	16403.3	827.9	5.05	5	11	Chester C. Bolton, South Euclid, Ohio.
	S. Green Meadow Constant 89353 A. R. D. Bettie of Milton 124954						
¶°29741	Violet of King Hill 170998	15245.1	803.0	5.27	6	9	Hugh Barclay, Pulaski, N. Y.
	S. Ultra May Day 54018 A. R. D. Yrsa Marguerite 112885						
R21413	Melitta 218437	14796.5	780.6	5.28	6	1	Howard B. Tuttle, Middlebury, Conn.
	S. Mixter Claymore 90060 A. R D. Matournella 174726 A. R.						
R26620	Queen's Violet of Rhinebeck 207262	16020.3	775.6	4.84	5	3	Frank Van Wagner, Hyde Park, N. Y.
	S. Westview Ultimas of Sepascot 96658 A. R. D. Peerless Queen of Rockstone 96713						
R24453	Imp. Sea Belle's Bountiful of Le Briquet 239222	15164.7	771.5	5.09	5	9	Hugh Barclay, Pulaski, N. Y.
	S. Imp. Coventry Valentine's Honour 104965 A. R. D. Sea Belle II. of Le Briquet R. G. A. S. 20394 P. S.						
29763	Lady Rockingham of Cedar Hedge 3d 136220	13588.5	742.3	5.46	8	10	James B. Robertson, Paoli, Pa.
	S. Kim Paie 59705 D. Lady Rockingham of Cedar Hedge 90080						
¶29832	Heweshurst Zona 223323	12344.3	711.7	5.77	6	3	A. D. Thayer, Gwynedd Valley, Pa.
	S. Saugerties Ultra Laddie 84176 A. R. D. Heweshurst Della 118808						

29762 Finesse of Sherwood 143660 13870.4 686.8 4.95 10—0 James B. Robertson, Paoli, Pa.
S. Ultra's Lad of Edgemere 50017 A. R. D. Polly B. of Sherwood 59807
29766 Nashua Moonbeam 193760 13072.7 686.8 5.25 5—4 Clara Endicott Sears, Harvard, Mass.
S. Orchard View Fashion 86645 D. Nashua Daisy 85051
29760 Casual of Sherwood 143668 14178.5 660.6 4.66 9—9 James B. Robertson, Paoli, Pa.
S. Ultra's Lad of Edgemere 50017 A. R. D. Ella Brisen of Sherwood 59810
R22488 Ultra Cinnamon of Alta Vista 191748 14472.5 656.3 4.53 5—8 William Nelson Pelouze, Lake Geneva, Wis.
S. Friendship Ultra Itchen 91635 A. R. D. Brownlie Spice 155651 A. R.
29778 Constance Glen of Sunset 144913 12695.8 649.0 5.11 8—4 W. C. Fleming, Greensboro, N. C.
S. Itchen's Glen of Chilmark 29503 A. R. D. Constance of Ellerslie 35384
29822 Winston Farms Goldie 200665 12816.2 637.6 4.97 5—2 A. Mistr & Sons, Richmond, Va.
S. High Point Glory Boy 42425 A. R. D. Gold Dust's Royal Secret 137586 A. R.
R24053 Cecil's Mary of Fairview 174855 13967.9 627.6 4.49 6—7 Conoway Scott, Scott, Ark.
S. Cecil of Fairview 64349 A. R. D. Mary Ann of Fairview 78213 A. R.
29752 Raider's Bess of Shadybrook 197608 11905.3 626.7 5.26 5—7 Mrs. H. M. Hanna, Mentor, Ohio.
S. Rilma's Raider Boy of Crest Pond 116441 D. Ne Plus Ultra's Pollyanna 109919 A. R.
29806 Fernbrook's Lassie of Cowham Farm 197536 12810.2 625.9 4.89 5—5 C. F. Cowham, Jackson, Mich.
S. Fernbrook Royal 70686 A. R. D. Cavalier's Lassie of Greenleaf 126965
R23197 Raider's Lady of Woodland 151045 14066.9 622.6 4.43 7—7 G. H. Wood, Monroe, Mich.
S. Raider's Recorder of Waddington 45877 A. R. D. Cooper's Lady Richmond 68027 A. R.
29765 Morningside Mary 171355 10603.0 598.1 5.64 6—9 James B. Robertson, Paoli, Pa.
S. Morningside Mayroy 98077 D. Morningside Royalen 162943
R†24782 Tarbell Farms Ultra Mignonette 207856 14618.3 592.9 4.06 5—0 Gage E. Tarbell, Smithville Flats, N. Y.
S. Sregor Ultra King 85369 A. R. D. Mignonette of Tarbell Farms 2d 159603 A. R.
R22701 Procris Larkspur 191110 13081.2 584.1 4.47 6—0 S. M. Shoemaker, Eccleston, Md.
S. Procris Ultra King 43522 A. R. D. Ma Chere Larkspur 118590 A. R.
29821 Glencairne of Gloucester Place 181799 12696.6 560.5 4.41 6—1 A. Mistr & Sons, Richmond, Va.
S. Dixie of Glencairne 63036 A. R. D. Poppy of Mobjack 132400
R27096 Agnes Beaulieu 3d 119187 10914.4 556.9 5.10 10—0 A. P. Irwin, Chadds Ford Junction, Pa.
S. Jim Beaulieu of Malvern 50698 A. R. D. Agnes Beaulieu 67537
29764 Mable of Cedar Hedge Farm 170526 10543.4 540.5 5.13 6—9 James B. Robertson, Paoli, Pa.
S. Laddie of Dundee 83992 D. Lady Rockingham of Edgemont 2d 107490
29794 Helen of Fern Farm 234021 11008.4 537.7 4.88 5—2 Charles A. Wilkins, Platteville, Wis.
S. Lone Pine Red Rover 58700 A. R. D. Fern Lady Rilma 117726 A. R.
29756 Golden Princess Rose 258817 10388.4 531.3 5.11 5—6 A. P. Irwin, Chadds Ford Junction, Pa.
S. Cosquay Golden King 68946 D. Langhurst Queen of the May 96776
¶29768 Betty Lee of Maple Lane 205717 12062.5 509.1 4.22 5—0 Willyard Brothers, Ravenna, Ohio.
S. Governor of Wondom Valley 81324 A. R. D. Priscilla of Wondom Valley 151457
¶29823 Imp. Betsey Du Jardin 183739 10036.2 500.5 4.99 5—11 E. B. Morris, Bristol, Pa.
S. Imp. Betsey's Rex of Ponchez 133484 A. R. D. Imp. Fancy Du Jardin 183738
R26997 Betty of Burr Clover Stock Farm 181884 9903.6 500.1 5.05 6—1 Nicholas G. Roosevelt, Moncks Corner, S. C.
S. Leda's Sultan 76467 D. Nancy Player 107928
R14485 Corfu of the Rancho 95172 10966.3 490.6 4.47 11—11 D. O. Brant, Canoga Park, Calif.
S. Brookmead's White Face 32211 A. R. D. Corfu of Hillside 70111 A. R.
29793 Cosy of Mound City 200343 11801.0 487.0 4.13 5—4 Charles A. Wilkins, Platteville, Wis.
S. Lone Pine Absolute 70250 A. R. D. Celia of Mound City 141827 A. R.
R25043 Glenchester Pride H. 209332 9296.9 476.6 5.13 6—11 S. N. Root, Landisville, Pa.
S. Woodside King Benton 87328 A. R. D. Pride H. of Pleasant View 52201
¶29779 Guernseydale Flower 212690 9745.8 471.4 4.84 5—1 C. D. Griswold, West Salem, Wis.
S. Cherub's King of Shorewood 70970 A. R. D. Ada May Rose 77962 A. R.
29792 Baron's Laura of Fairview 182811 10592.8 454.5 4.29 6—1 Conoway Scott, Scott, Ark.
S. Baron of Koshkonong Place 82924 A. R D. Laura of Fairview 97076 A. R.
R27250 Florena's Laverna 211477 8771.2 443.8 5.06 5—1 H. W. Johnson, Winston-Salem, N. C.
S. Laverna's Gracious King 49609 A. R. D. Florena's Antonette 129936
R23656 Chestnut Ridge Princess Bessie 206197 9425.9 439.9 4.67 5—2 William Erf, Bellevue, Ohio.
S. Chestnut Ridge Squire's Prince 104611 A. R. D. Princess Betty of Chestnut Ridge 98750 A. R.
29749 Beauty of Stone Hall 247018 10051.6 422.8 4.21 6—1 Joseph I. France, Port Deposit, Md.
S. Clare's Patient King 48436 A. R. D. Haraf's Beauty 123172
†29808 Elm Tree Arabella 178693 7342.3 380.4 5.18 6—7 H. P. Deming, Winsted, Conn.
S. Pauline's Proud Warrior 68106 A. R. D. Elm Tree Octobelle 129043 A. R.

CLASS B—Four and One-Half to Five Years

R25659 Cosquay's Mary Lou 219865 13083.1 666.7 5.10 4—6 Joseph I. France, Port Deposit, Md.
S. Cherub's Royal Challenger of Shorewood 97614 A. R. D. Cosquay's Rosette 171147 A. R.
R26120 Maple Leaf's Perfection 220145 11633.8 587.0 5.05 4—6 Mrs. H. M. Hanna, Mentor, Ohio.
S. Maple Leaf's Star of Wawa 96254 A. R. D. Maple Leaf's Skyrocket 175223
29761 Clover's Fannie of Meadowbrook 206448 11577.1 551.7 4.77 4—9 James B. Robertson, Paoli, Pa.
S. Brownlie Select 96397 D. Clover of Meadowbrook 141540
29771 Senator Francis' Hazel of Gazelle 218583 9198.2 453.1 4.93 4—6 D. T. Bishop, Hartville, Ohio.
S. Senator Francis Masher 82985 A. R. D. Senator's Hazel of Gazelle 181747
29827 Edgerton's Warrior's Charity 218240 8185.8 415.2 5.07 4—9 A. J. Pierce, Bennington, N. H.
S. Atamannsit Warrior 71965 A. R. D. Edgerton's Charity 106282

CLASS C—Four to Four and One-Half Years

R25723 Raider's Wilma of Woodland 222968 13935.5 670.6 4.81 4—0 G. H. Wood, Monroe, Mich.
S. Raider's Record of Waddington 45877 A. R. D. Beauty Eagle Duchess of Riverdale 57865
R26794 Marshallvale Fern 213400 11232.1 524.7 4.67 4—6 A. D. Thayer, Gwynedd Valley, Pa.
S. Select Warrior 92785 A. R. D. Huntsman's Mary E. of Overlook 157520
29835 Necia's K. H. Luetta 332629 9468.7 495.1 5.23 4—4 Ralph Tratt, Whitewater, Wis.
S. Necia's King Cecil 114711 A. R. D. Hambro's Miss Luetta's Beauty 69858 A. R.

29834 Necia's K. H. L. France 226181 8302.7 469.6 5.66 4—3 Ralph Tratt, Whitewater, Wis.
S. Necia's King Cecil 114711 D. Hambro's Lady France 67497 A. R.
29825 Eva's Ora Dimple of Bolton 214177 9287.3 451.5 4.86 4—5 E. B. Morris, Bristol, Pa.
S. Bolton's Dimple King 88331 A. R. D. Ora's Eva 156981
¶29820 Nittany Flossie 221315 10156.5 446.7 4.40 4—1 Michigan State College, East Lansing, Mich.
S. Nittany Lion 87565 A. R. D. Queen of Clearfield 77004
R†24669 Gayhead's Mignonette 249389 8665.7 436.1 5.03 4—5 L. L. Melius, Warren, Conn.
S. Gayhead's Knight 71946 A. R. D. Lady Surprise of Fair View 138183 A. R.
†29776 Elm Tree Donna Bell 235813 6580.2 386.8 5.88 4—0 H. P. Deming, Winsted, Conn.
S. Elm Tree Gendarme 105075 A. R. D. Elm Tree Juliette 157347 A. R.

CLASS D—Three and One-Half to Four Years

R26850 Radium's Tragedienne 294410 14330.0 696.2 4.86 3—11 Wood F. Axton, Prospect, Ky.
S. Maple Glen Radium 70837 A. R. D. Warrior's Actress 147115 A. R.
R¶25766 Willmere's Marie Antoinette 248461 14038.2 685.9 4.89 3—9 John A. Miller, Nazareth, Pa.
S. Spotswood's Select 87365 A. R. d. Waldorf Marie Antoinette 115789 A. R.
R26157 Hilltop Butterfat Annabelle 240129 11918.9 660.0 5.54 3—9 C. Prescott Knight, East Greenwich, R. I.
S. Imp. Primrose's Butterfat 104967 A. R. D. Edgemoor Beauty's Annabelle 93559 A. R.
29802 Barkrest Warrior's Daisy 235254 11776.6 643.5 5.46 3—6 Chester C. Bolton, South Euclid, Ohio.
S. Dairy Maid's Warrior of Shuttlewick 79937 A. R. D. Noble's Mole's Yellow Daisy 122177 A. R.
R26522 Illustrator's Day Dream 227282 13334.9 605.3 4.54 3—10 William A. Fisher, Rochester, Mich.
S. Lone Pine Illustrator 59189 A. R. D. Day Dream of the Prairie 163346
29831 Rockingham Una 285132 12728.9 589.7 4.63 3—8 Daniel G. Tenney, Salem, N. H.
S. Langwater Holliston 28055 A. R. D. Imp. Una of the Joannets 160507
29795 Mound City Sunbeam 233343 12327.6 574.7 4.66 3—8 Charles A. Wilkins, Platteville, Wis.
S. Bowood Dairy King 55525 A. R. D. Selma Bell of Mound City 66874 A. R.
29786 Raven's Fay of Millay's Homestead 231175 8893.9 493.0 5.54 3—11 Millay Brothers, Richmond, Maine.
S. Prince of Millay Homestead 59160 A. R. D. Raventhorn of Millay's Homestead 110458 A. R.
29809 Horatius's Rose 238729 9937.3 482.5 4.86 3—9 John L. Dickinson, Charleston, W. Va.
S. Horatius's Warrior of Buttonwood 88788 D. Reed's Marshall's Mable of Mapleview Farm 72835
29799 Cornalfa's Lucile 275138 10001.6 478.5 4.78 3—11 H. A. Baxter, Convoy, Ohio.
S. Brookmead's Search Light 62912 A. R. D. Lucile of Cornalfa 176802 A. R.
†29770 Richel's Raider's Murne of Gazelle 234809 9138.0 448.9 4.91 3—9 D. T. Bishop, Hartville, Ohio.
S. Richel Senator Master 112076 A. R. D. Raider's Murne of Gazelle 101718 A. R.
†29804 Gusanna's Favorite May Rose 232919 8509.6 422.8 4.97 3—10 Est. Julius Clausing, Grafton, Wis.
S. Rose King's Golden Boy of Maple Shade 86188 A. R. D. Gusanna's May Rose 146593
R26299 Mota Confidant 247308 9289.4 383.8 4.13 3—7 Cornell University, Ithaca, N. Y.
S. Triple Confidant 100406 A. R. D. Mota Linden 102734 A. R.
¶29748 Ararat Pomara Rose 242248 7777.4 374.4 4.81 3—6 Joseph I. France, Port Deposit, Md.
S. Robin Hood of Green Gables 93593 A. R. D. Pomara Rose 61389 A. R.
†29774 Imp. Lady Roberts of Tamworth 291719 6822.3 331.8 4.86 3—9 Walter E. Cooke, Wyckoff, N. J.
S. Beauty's Conqueror of Tamworth R. A. A. S. 302 P. S. A. R. D. Lady Roberts of the Trigale R. A. A. S. 2226 P. S.

CLASS E—Three to Three and One-Half Years

R27309 King's Vera Bell of B. J. F. 241726 12301.3 647.6 5.26 3—3 Mrs. H. M. Hanna, Mentor, Ohio.
S. Murne's King Primrose of A. D. F. 70271 A. R. D. Galaxy's Belle of B. G. Farm 157363
R26667 Fayroyal's Evangeline 249151 10791.0 514.9 4.77 3—5 R. F. Locke, Cressey, Mich.
S. May Royal's Majesty 117245 A. R. D. Luxerin Celia 145692
R26960 Lynbrook Flashlight 257549 9658.8 505.5 5.23 3—5 D. D. Tenney, Crystal Bay, Minn.
S. Cherub's Monarch of Shorewood 117203 A. R. D. Lynbrook Spotlight 188727 A. R.
¶29814 Valentine's Flower Lass 269340 10832.4 471.4 4.35 3—0 Indiana Condensed Milk Co., Zionsville, Ind.
S. Valentine's Cherry's Boy 108714 A. R. D. Flower of Helendale 90920 A. R.
29755 Chestnutwold Morning Glory 240107 10544.1 453.7 4.30 3—4 A. P. Irwin, Chadds Ford Junction, Pa.
S. Langwater Knight 46830 A. R. D. Freesia's Dawn 71936 A. R.
†29777 Lady Rosalind's Bess 253681 7503.6 383.3 5.11 3—0 Harry C. Evans, Fort Collins, Colo.
S. Lenorill's Golden Cloud 118247 A. R. D. Pioneer Lady Rosalind 167481

CLASS F—Two and One-Half to Three Years

*¶°29807 Roughwood Belle 256963 13047.8 754.8 5.78 2—10 Ernest B. Dane, Center Harbor, N. H.
S. Roughwood Prestige 112432 A. R. D. Babette of Roughwood 124584 A. R.
29783 St. Croix Lydella 267680 12002.8 609.9 5.08 2—7 R. F. Locke, Cressey, Mich.
S. St. Croix Josie's Masher 95303 A. R. D. St. Croix Mermaid 196780 A. R.
29817 Oriole of St. James Farm 256955 11695.8 596.7 5.10 2—11 Mrs. Chauncey McCormick, Naperville, Ill.
S. Babe's Big Boy of St. James Farm 129241 D. Humming Bird of Webb Farms 116715 A. R.
¶29830 Rockingham Holly 324561 11162.0 524.3 4.70 2—9 Daniel G. Tenney, Salem, N. H.
S. Langwater Holliston 28055 A. R. D. Imp. Lady Mistletoe V. of the Glen 163585 A. R.
29747 Rancho Golden Ula 327729 11673.2 516.5 4.42 2—8 D. O. Brant, Canoga Park, Calif.
S. Golden Duke of the Rancho 120484 A. R. D. Golden Ula of the Rancho 162626 A. R.
29798 Oaks Farm Daisy 255674 10828.0 506.0 4.67 2—11 Est. C. W. Barron, Cohasset, Mass.
S. Imp. Majesty of the Isle 103774 A. R. D. Imp. Clovelly Lucy 188429 A. R.
¶29772 Carrie's Hope of Brooklea 265877 9660.7 495.8 5.13 2—7 John H. Baab, Orrville, Ohio.
S. Brooklea Eastern King 129364 D. Dutchman's Carrie 192373 A. R.
29789 Gippy Ultra Dorothy 275561 10644.6 488.1 4.59 2—10 Nicholas G. Roosevelt, Moncks Corner, S. C.
S. Noble's Foremost Billie 131824 D. Ultra's Dot 190608
29744 Rancho Cavalier's Isabella 328404 8892.3 447.9 5.04 2—7 D. O. Brant, Canoga Park, Calif.
S. Cavalier of the Rancho 122710 A. R. D. Elsax's Isabella of Waverly 139075 A. R.
29813 Escalon Fashion Plate 329497 8062.4 442.1 5.48 2—6 A. B. Humphrey, Escalon, Calif.
S. Atamannsit Bestower 115840 A. R. D. Escalon Rose Fashion 208831
29837 Raider's Adele of Woodland 279024 8664.2 418.7 4.83 2—7 G. H. Wood, Monroe, Mich.
S. Raider's Recorder of Waddington 45877 A. R. D. Sir Coral's Bessie 71534 A. R.

29746 Rancho Golden Susnny 324863 7893.9 387.2 4.91 2—8 D. O. Brant, Canoga Park, Calif.
S. Golden Duke of the Rancho 120484 A. R. D. Admiral's Susnny of the Rancho 238906 A. R.
29745 Rancho Golden Patience 328403 8822.7 381.7 4.33 2—7 D. O. Brant, Canoga Park, Calif.
S. Golden Duke of the Rancho 120484 A. R. D. Hillswold Patience 177595 A. R.
†29773 Gusanna's Primrose 325287 7346.2 367.1 5.00 2—10 Est. Julius Clausing, Grafton, Wis.
S. Brookmead's Ozaukee Benefactor 116936 A. R. D. Lorna of Gusanna Farm 71646 A. R.
29828 Elm Farm Aristocrat's Princess 343301 6919.9 343.6 4.97 2—8 Sunnymede Farms Inc., Bismarck, Mo.
S. Dairymaid's Aristocrat 78042 D. Phyllis's Princess 88380 A. R.

CLASS G—Under Two and One-Half Years

°29754 Hilltop Butterfat Rosette 265850 13325.9 775.0 5.82 2—5 George M. Hendee, Suffield, Conn.
S. Imp. Primrose's Butterfat 104967 A. R. D. Roselle of Fox Valley 61739 A. R.
°29753 Butterfat Golden Flora 268483 11122.2 660.7 5.94 2—3 George M. Hendee, Suffield, Conn.
S. Imp. Primrose's Butterfat 104967 A. R. D. Imp. Golden Flora of Hilltop 150713 A. R.
¶29829 Rockingham Fanny 324563 13890.8 610.5 4.39 2—5 Daniel G. Tenney, Methuen, Mass.
S. Langwater Holliston 28055 A. R. D. Imp. Fanny's Girlie 228613 A. R.
29759 Mount Hope Promise 259344 12333.7 565.4 4.58 2—5 E. Parmalee Prentice, Williamstown, Mass.
S. Noble Regent of Allenwood 44384 A. R. D. Mount Hope Maiella 155063 A. R.
*†°29810 Dunwalke Yellow Squaw 268299 9134.9 561.9 6.15 2—5 Clarence Dillon, Bedminster, N. J.
S. Dunwalke Chieftain 124684 D. Dunwalke Myrtle's Primrose 208275 A. R.
29782 Florham Celosia 271491 9358.8 561.0 5.99 2—5 R. F. Locke, Cressey, Mich.
S. Old Contemptible 59639 A. R. D. Caribou Celosia 2d 114606 A. R.
29743 Minnie's May Rose 2d 280854 12242.8 558.6 4.56 2—2 Clark Bender, Hygiene, Colo.
S. Riverview's Ultra Golden King 112582 A. R. D. Minnie's May Rose 168442
29819 Argilla Princess 277029 9587.5 547.1 5.71 2—1 S. M. Merrill, Ipswich, Mass.
S. Dolly's Foremost of High Rock 67827 A. R. D. Argilla Mada 173598 A. R.
¶29788 Pergue's Lassie May 2d 292987 10815.8 529.4 4.89 2—2 Robert Roemer, Fort Collins, Colo.
S. Riverview's Ultra Golden King 112582 A. R. D. Pergue's Lassie May 138024
29805 Constance Missy of Eliada Farm 262618 11604.0 528.8 4.56 2—5 Lucius B. Compton, Asheville, N. C.
S. Star's Knight of Garden Creek 118792 A. R. D. Constance of Sunset 109945 A. R.
29742 Atamannsit Ladida 262972 9524.7 526.1 5.52 2—5 Albert H. Beck, Wayland, Mass.
S. Langwater Hannibal 69279 A. R. D. Imp. Ladida of Les Quartiers 182652
¶29801 Edinham's Honor Fairy 326824 9705.3 494.4 5.09 2—5 Leland C. Bingham, New Milford, Ohio.
S. Gayhead's Honored Knight 126876 A. R. D. Woodvale Fairy Queen 148226 A. R.
¶29833 Langwater Spritely 284007 10244.3 481.0 4.70 2—4 A. D. Thayer, Gwynedd Valley, Pa.
S. Langwater Sheik 77112 A. R. D. Langwater Sprite 240823 A. R.
¶29769 Fern's Fannie of Rocky Knoll 278834 10227.4 480.7 4.70 2—2 Willyard Brothers, Ravenna, Ohio.
S. Thompson's Search Light 128257 D. Fern of Rocky Knoll 188478
29800 Warrior's Polly of Cornalfa 312815 8773.7 471.5 5.37 1—10 H. A. Baxter, Convoy, Ohio.
S. Polly's Warrior 85976 A. R. D. Ilo's Cherube 230183
29751 Daisy of Stump Hollow 279921 8208.4 465.4 5.67 1—10 Mrs. H. M. Hanna, Mentor, Ohio.
S. Cherub of Sleepy Hollow 97753 A. R. D. Midget of Shady Lawn Guernsey Farm 114909 A. R.
29750 B. R. King's Golden Rod 275707 8994.0 464.6 5.17 2—0 Joseph I. France, Port Deposit, Md.
S. Burnside Rose King 125237 A. R. D. Kelso's Golden Rod 191219 A. R.
¶29757 Greyholme's Secret Honour 278949 10001.6 458.8 4.59 2—2 C. Prescott Knight, East Greenwich, R. I.
S. Appletree Point's Marose Smilax 77410 A. R. D. Langwater Honour's Lady 177728
29824 Ellen of Bolton 270989 7598.7 457.3 6.02 2—1 E. B. Morris, Bristol, Pa.
S. Raider of Marshallvale 135821 D. Inspiration's Mabel of Bolton 216848
29781 Wyebrook Lustre 283720 10242.9 439.1 4.29 2—0 Charles E. Lipscomb, Easton, Md.
S. Fernbrook King Hendrick 122009 D. Wyebrook Brilliant Maid 188203 A. R.
29797 Star Pearl of Adohr Farms 280874 7603.8 420.5 5.53 2—1 Adohr Stock Farms, Reseda, Calif.
S. Adohr's Stars and Stripes of Wawa 110630 A. R. D. Windmere Pearl 157389 A. R.
29790 Holliston's Gippy Daisy 278378 10285.7 420.3 4.09 2—0 Nicholas G. Roosevelt, Moncks Corner, S. C.
S. Grapelawn Holliston 104981 A. R. D. Imp. Daisy V. of Clairmont 82438
29812 Escalon Aviatrix 290413 7769.7 420.2 5.41 2—0 A. B. Humphrey, Escalon, Calif.
S. Atamannsit Bestower 115840 A. R. D. Escalon Virginia 231671 A. R.
29767 Sentry's Rosebud of Mirador 268561 7345.2 400.7 5.46 2—4 Ronald Tree, Greenwood, Va.
S. Fanchon's Sentry of Linda Vista 67643 A. R. D. Imp. Likely Rosebud III. 137138 A. R.
†29780 Stede Well's Charity 331609 7942.2 387.3 4.88 2—0 Harry Lage, Davenport, Iowa.
S. Challenger's Regent of Iowanola 93796 A. R. D. Stede Well's Hope 207904 A. R.
29818 May Belle's Jewel 280689 7751.4 386.6 4.99 2—1 George McKerrow & Sons Co., Pewaukee, Wis.
S. Rosebloom Jewel of Arpin 136583 D. Beauty's May Belle of Breinholm 131061
†29826 Raider's Fannie of Bolton 271863 6859.0 377.4 5.50 2—1 E. B. Morris, Bristol, Pa.
S. Raider of Marshallvale 135821 A. R. D. Inspiration's Lea of Bolton 194066
29796 Lady Verra of Adohr Farms 269608 9288.2 371.5 4.00 2—5 Adohr Stock Farms, Reseda, Calif.
S. Inspiration of Edgemoor 54834 A. R. D. Rex's Verra of Adohr Farms 187481 A. R.
¶29787 Woodbine's King's Myrtle 266191 7988.6 371.0 4.64 2—4 Mississippi A. & M. College, A. & M. College, Miss.
S. Woodbine's King of Beechwood 82949 A. R. D. Myrtle of Village Green 210147
29815 Roselade's May Rose 4th 283073 7103.4 369.0 5.19 1—11 H. W. Johnson, Winston-Salem, N. C.
S. Melba's Ultra May King 110662 D. Roselade's May Rose 113583 A. R.
†29775 Elm Tree Daisy 276776 7023.3 364.4 5.19 2—5 H. P. Deming, Winsted, Conn.
S. Elm Tree Gendarme 105075 A. R. D. Elm Tree Donnatella 169012 A. R.
¶29836 Valley Gem Eloquent Nancy 267187 6922.9 363.5 5.25 2—5 Valley Gem Farms, Arlington, Wash.
S. Holliston Elect of Rockingham 106621 A. R. D. Nancy of Birchwood 69608 A. R.
†29803 Lady Nellie's Pride 262075 7588.4 350.4 4.62 2—4 Chestnut Hill Farm Assn., Chestnut Hill, Mass.
S. Wolfpen Despot 70689 D. Lake Farm Lady Nellie 87308
29791 Woodside Joyous 324167 7615.3 344.1 4.52 2—1 S. N. Root, Landisville, Pa.
S. Woodside Foundation 112818 D. Fannie of Moorland Farm 129904 A. R.
†29758 Marshallvale Lady 280880 7223.0 326.0 4.51 2—3 J. Albert Marshall, Kennett Square, Pa.
S. Confident Senator 95001 A. R. D. Windflower's Ruth of Overlook 132077 A. R.
†29784 Reverie's Cecilie 287347 5610.5 314.2 5.60 1—11 L. L. Melius, Warren, Conn.
S. Reverie May King 128216 A. R. D. Falcon's Prosperity 183054 A. R.

†29816 Princess of Brooklawn 265375 4950.4 302.1 6.10 2—5 D. H. McAlpin, Morris Plains, N. J.
S. Viola's May King of Brooklawn 90981 A. R. D. Commodore's Lady Antoinette 196939 A. R.
†29811 Rowan's Bertha 315827 6519.3 289.0 4.43 2—1 L. A. Hawkins, Silver Creek, N. Y.
S. Rowan Place Chevalier 136697 D. Bertha of Glade Summit 129873

Double Letter¶ Triple Letter† Class Leader* Exceeds requirement by 100% or over° Re-entriesR

NEW A. R. SIRES WITH THEIR A. R. DAUGHTERS AND THEIR RECORDS

Cherub of Sleepy Hollow 97753

	Lbs. Milk	Lbs. B. F.	Class
Sire, Cherub's Sergeant of Shorewood 50944, A. R.			
Dam, Imp. Flora Bella of Mara Alva 83890, A. R. 11245			
Born Oct. 23, 1923. Bred by W. E. Wright, Akron, Ohio.			
Owned by Mrs. J. C. Hanna, Willoughby, Ohio.			
Daughters, 5 registered.			
Cherub's Nellie of Sleepy Hollow 217180, A. R. 27153	8480.3	488.8	E
Daisy of Stump Hollow 279921, A. R. 29751	8208.4	465.4	G
Sons, 5 registered.			

Appletree Point's Marose Smilax 77410

Sire, Pencoyd's Secret Marose 48332, A. R.			
Dam, Mythop of Iowa 40985.			
Born Oct. 15, 1921. Bred and owned by U. A. Woodbury II., Burlington, Vt.			
Daughters, 19 registered.			
Locust Valley Sue 242754, A. R. 27814	9310.4	522.5	G
Greyholme's Secret Honour 278949, A. R. 29757	10001.6	458.8	GG
Sons, 11 registered.			

Governor of Wondom Valley 81324

Sire, Beauty's Governor of Linwood 59094.			
Dam, Ileam of Spring Ridge Farm 81347, A. R. 18139.			
Born April 5, 1922. Bred by O. L. Beal & L. F. Bechtel, Fredericktown, Ohio.			
Owned by Gifford & Schrack, Fredericktown, Ohio.			
Daughters, 23 registered.			
Betty's Cherrybelle of Wondom Valley 223882, A. R. 25180	10813.1	607.7	G
Betty Lee of Maple Lane 205717, A. R. 29768	12062.5	509.1	AA
Sons, 5 registered.			

Richel Senator Master 112076

Sire, Senator Francis Masher 82985, A. R.			
Dam, Springdale May Rose 148585, A. R. 19733.			
Born Feb. 9, 1925. Bred by Erwin Brothers, Bowdil, Ohio.			
Owned by D. T. Bishop, Hartville, Ohio.			
Daughters, 28 registered.			
Senator's Witch Hazel of Marilea 244513, A. R. 26097	10200.8	510.1	G
Richel's Raider's Murne of Gazelle 234809, A. R. 29770	9138.0	448.9	DDD
Sons, 2 registered.			

Itchen's Glen of Chilmark 29503

Sire, Itchen Daisy's May King of Langwater 17349, A. R.			
Dam, Angela of the Glen 27477, A. R. 1934.			
Born Feb. 5, 1914. Bred by V. Everit Macy, Ossining, N. Y.			
Owned by Allan D. Ivie, Leaksville, N. C.			
Daughters, 10 registered.			
Itchen's Lassie of Sunset 163160, A. R. 27469	14347.4	608.5	A
Constance Glen of Sunset 144913, A. R. 29778	12695.8	649.0	A
Sons, 6 registered.			

Reverie May King 128216

Sire, Mixter Claymore 90060, A. R.			
Dam, Luciena Lenfestey 127368, A. R. 20096.			
Born April 8, 1926. Bred by Howard B. Tuttle, Middlebury, Conn.			
Owned by Ludlow L. Melius, Warren, Conn.			
Daughters, 9 registered.			
Reverie's Berta 267566, A. R. 29284	6366.8	342.9	FFF
Reverie's Cecilie 287347, A. R. 29784	5610.5	314.2	GGG
Sons, 5 registered.			

Adohr's Stars and Stripes of Wawa 110630

Sire, Brookmead's Stars and Stripes 49117, A. R.			
Dam, May Rose Lady of Wawa 70036, A. R. 13329.			
Born June 26, 1924. Bred by Wawa Dairy Farms, Wawa, Pa.			
Owned by Adohr Stock Farms, Reseda, Calif.			
Daughters, 5 registered.			
Selma of Adohr Farms 236994, A. R. 27290	8391.6	520.7	G
Star Pearl of Adohr Farms 280874, A. R. 29797	7603.8	420.5	G

Star's Knight of Garden Creek 118792

	Lbs. Milk	Lbs. B. F.	Class
Sire, Millmount's Cavalier 97438, A. R.			
Dam, Star of Hope 70158, A. R. 11017.			
Born Sept. 19, 1925. Bred by H. Arthur Osborne, Canton, N. C.			
Owned by Sanford & Cartner, Mocksville, N. C.			
Daughters, 3 registered.			
Myra's Topsy of Eliada Farm 252700, A. R. 27185	10779.7	500.9	G
Constance Missy of Eliada Farm 262618, A. R. 29805	11604.0	528.8	G
Sons, 2 registered.			

Valentine's Cherry's Boy 108714

Sire, Imp. Islander of Sarnia 57895, A. R.			
Dam, Cherry's Sailor Girl 126512, A. R. 17907.			
Born Jan. 5, 1925. Bred and owned by Wayne A. Munn, Janesville, Wis.			
Daughters, 12 registered.			
Valentine's Cherry Rubina 231586, A. R. 26826	6140.6	329.7	F
Valentine's Flower Lass 269340, A. R. 29814	10832.4	471.4	EE
Sons, 6 registered.			

Dixie of Glencairne 63036

Sire, Aristocrat of Harbor Hill 39246, A. R.			
Dam, Imp. Rhoda des Blancs Bois 68684, A. R. 7078.			
Born Sept. 24, 1919. Bred by R. H. L. Chichester, Fredericksburg, Va.			
Owned by Herman Hollerith, Port Haywood, Va.			
Daughters, 32 registered.			
Miss Prim of Fiddlers Green 168405, A. R. 28114	11277.8	585.7	A
Glencairne of Gloucester Place 181799, A. R. 29821	12696.6	560.5	A
Sons, 18 registered.			

Raider of Marshallvale 135821

Sire, Confident Senator 95001, A. R.			
Dam, Ellen of Liberty Hills 78878, A. R. 19496.			
Born Feb. 17, 1927. Bred by J. Albert Marshall, Kennett Square, Pa.			
Owned by Effingham B. Morris, Bristol, Pa.			
Daughters, 25 registered.			
Ellen of Bolton 270989, A. R. 29824	7598.7	457.3	G
Raider's Fannie of Bolton 271863, A. R. 29826	6859.0	377.4	GGG
Sons, 7 registered.			

Necia's King Cecil 114711

Sire, Anton's King Cecil 44206, A. R.			
Dam, Necia's Winona 65293, A. R. 11541.			
Born Jan. 29, 1925. Bred by Ralph Tratt, Whitewater, Wis.			
Owned by Ralph Tratt, Whitewater, Wis.			
Daughters, 8 registered.			
Necia's K. H. L. France 226181, A. R. 29834	8302.7	469.6	C
Necia's K. H. Luetta 332629, A. R. 29835	9468.7	495.1	C
Sons, 5 registered.			

Brookmead's Solar Blend 128976

Sire, Brookmead's Constellation 91287.			
Dam, Brookmead's Sunlight 159653, A. R. 19240.			
Born Nov. 21, 1925. Bred by Frank Graham Thomson, Devon, Pa.			
Owned by Henry T. Shirk & L. C. Myers, Lapaz, Ind.			
Daughters, 16 registered.			
Croixlands Little Star 251744, H. I. 332	10963.2	560.8	EHI
Dorel of Myersmead 267864, H. I. 333	9350.7	466.2	FHI
Dot of Myersmead 259619, H. I. 334	7995.3	380.3	EHI
Lady Bess's Pansy 242792, H. I. 336	10240.6	582.1	DHI
Lady Christobelle's Jewel 242791, H. I. 338	11824.1	524.9	DHI
Martina's Idea 242793, H. I. 339	6473.4	321.6	EHI
Sons, 5 registered.			

Legionnaire of Prospect 74103

Sire, Anton's King Confidence 43517, A. R.			
Dam, Goody of Prospect 69902, A. R. 7754.			
Born April 7, 1921. Bred by Est. W. D. Hoard, Fort Atkinson, Wis.			
Owned by Lapaz Calf Club, Lapaz, Ind.			
Daughters, 13 registered.			
Croixlands Buttercup 156519, H. I. 244	13619.6	719.3	AHI
Flora's Prim-Rose 198593, H. I. 335	11243.4	422.2	AHI
Lady Christobelle of Lapaz 197604, H. I. 337	15072.3	550.7	AHI
Sons, 5 registered.			

HERD IMPROVEMENT RECORDS

Approved Records H. I. 323 to H. I. 339

(Grade records and records that did not qualify are also listed)

H. I.	NAME AND NUMBER	Class	Req. of B. Fat	Days in Milk	Number Milkings Daily	Lbs. Milk	% of B. Fat	Lbs. B. Fat
	Babson, F. K., Grangemead Farm, St. Charles, Illinois.							
	Butterfat Qui Vive Jeannette 268484	GHI	255.8	298	2–298 d.	5267.9	4.64	244.5
325	Jane of Four Pine 314776	GHI	261.9	319	2–308 d; 1–11 d.	5773.5	5.27	304.4
	Becker, Wilbur M., Fort Atkinson, Wisconsin.							
326	Fawndaway's Betty 272159	FHI	270.0	365	2–363 d; 1–2 d.	6186.0	5.00	309.1
327	Fawndaway's Rose Girl 276248	GHI	267.2	321	2–318 d; 1–3 d.	8329.9	5.09	424.0
328	Fawndaway's Ultra Stella 200085	AHI	360.0	317	3–177 d; 2–109 d; 1–31 d.	7689.4	5.19	399.4
329	May of Alvadean 152831	AHI	360.0	348	3–214 d; 2–130 d; 1–4 d.	10579.8	5.27	557.4
330	Sailor's Beauty of Fawndaway 208592	AHI	360.0	365	3–183 d; 2–180 d; 1–2 d.	8662.7	5.18	448.4
	Cornelius, A. E., Greenwald Farms, Williamsville, New York.							
331	Bellview's Hopeful 196649	BHI	346.2	345	2–344 d; 1–1 d.	8053.1	4.49	361.7
	Gittins, E. J., Franksville, Wisconsin.							
	Cherub's Medora of Alta Vista 237658	EHI	293.5	312	2–309 d; 1–3 d.	5461.1	5.32	290.4
	Cherub's Pine Blossom of the Prairie 233697	DHI	318.1	240	2–240 d.	6199.1	4.80	297.6
323	Clementine of Mound City 200341	AHI	360.0	311	2–310 d; 1–1 d.	9951.4	5.03	501.0
	Corium Erma's Fawn 166896	AHI	360.0	266	2–266 d.	3931.1	4.84	190.2
	Corium Ladock's Hekla 207941	BHI	356.7	314	2–314 d.	6420.5	4.82	309.2
324	Gay Girl's Rosamond 142685	AHI	360.0	331	2–328 d; 1–3 d.	7996.8	5.17	413.8
	McVaugh & Lenderman, Hockessin, Delaware.							
	Dot (grade)	DHI	308.2	292	2–290 d; 1–2 d.	5569.0	5.58	310.5
	Lavender's Peaceful Milkmaid 221663	AHI	360.0	321	2–321 d.	2538.2	5.51	139.9
	Royal Augustine Victoria 155348	AHI	360.0	207	2–207 d.	3355.2	5.02	168.4
	Royal Octavia Victoria 204047	AHI	360.0	321	2–321 d.	3746.3	5.95	223.0
	Myers, L. C., Lapaz, Indiana.							
332	Croixlands Little Star 251744	EHI	299.4	312	3–190 d; 2–122 d.	10963.2	5.12	560.8
333	Dorel of Myersmead 267864	FHI	276.9	337	3–215 d; 2–122 d.	9350.7	4.99	466.2
334	Dot of Myersmead 259619	EHI	290.7	340	3–182 d; 2–153 d. 1–5 d.	7995.3	4.76	380.3
335	Flora's Prim-Rose 198593	AHI	360.0	317	3–243 d; 2–67 d. 1–7 d.	11243.4	3.76	422.2
336	Lady Bess's Pansy 242792	DHI	309.9	365	3–243 d; 2–122 d.	10240.6	5.68	582.1
337	Lady Christobelle of Lapaz 197604	AHI	360.0	365	3–243 d; 2–122 d.	15072.3	3.65	550.7
338	Lady Christobelle's Jewel 242791	DHI	308.9	335	3–243 d; 2–89 d. 1–3 d.	11824.1	4.44	524.9
339	Martina's Idea 242793	EHI	301.3	323	3–122 d; 2–183 d; 1–4 d. (Used as nurse cow 14 days)	6473.4	4.97	321.6
	Silvene of Myersmead 220273	BHI	346.9	351	3–205 d; 2–141 d; 1–5 d.	7350.4	4.39	322.9
	Williams, Richard E., Nakoma Farms, Fairport, New York.							
	Fisherman's Diana of Farview 279539	GHI	262.0	268	2–268 d.	5745.3	3.75	215.2
R22	Worthy Adanita of Spinnerville 267689	EHI	296.7	303	2–303 d.	8694.0	4.71	409.3
	Re-entries R.							

Mechanics of Heredity

(*Continued from page 594*)

up by the Norwegian proverb which is said to be at least 2,500 years old. It says, "if you would have good children marry not the maid who is the only good maid in the clan." It gets at the very root and the very truth of the whole matter.

The Stock is All-Important

WHAT this proverb really means is, that the individual is not of so much importance in calculating heredity as the knowledge of the whole stock. A person *might* make a pretty good guess as to the kind of producer of high-grade offspring a dam would be, knowing her record, but it would be a vastly better guess if he were able to know the record of all her near kin, and by getting a well-rounded picture of the whole stock he could then make a guess which would be pretty close to right. A number of Guernsey breeders, whose farms I have visited, have asked me how I thought they could improve their herds. I always have said by the adding machine method and I am sure that these men have found out that I was correct.

The Guernsey breeder already realizes the importance of the stock. Very little more need be said about it, as every issue of the Journal not only contains notes on the inheritance from the stock point of view but every display advertisement tells about this also. Its importance is fully realized.

Perhaps you think, then, that this admission on my part does not justify the writing of such a series as this, or the money spent by our agricultural colleges, etc., on studies of plant and animal breeding. But such is not the case. I think that as we go along we shall see little ways in which this study can be of great help to all of us and even if it could not who is there who breeds animals who does not want to know the foundation processes at the bottom of what he is doing? Most animal breeders are ingenious individuals. When they drive an automobile they want to know how it works inside. When the experiment station tells them what constitutes a good cattle feed, they are not simply content with saying "yes, I'll try it," but they ask "why?" They are all from Missouri and so much more fun do they get out of life.

A real knowledge of genetics can multiply the pleasure derived from breeding many times and once in a while it can make a breeder some real money.

What I am writing about genetics, it must also be remembered, does not apply alone to cattle breeding. No cow farmer is absolutely inde-

pendent of all the rest of the farm. A knowledge of genetics applied to the farm produce in general, which goes to help to feed cattle, is of incalculable aid. A knowledge of genetics is also valuable in helping one to know what others have tried before him, and not to waste his time trying to improve cattle through a belief in the inheritance of acquired characters, or through what we call telegony, or through maternal impressions. It sometimes is helpful, also, in preventing a waste of time trying to create sex to order and other interesting things that any of us might try but throw away time and money in the doing.

Guernseys Enter Albania

(*Continued from page 589*)

uneducated, the Albanian young men render the required amount of military service, and then return to their farms to do the best they can. In many villages the average annual gross returns per family amount to about $150. This must provide everything that the farm family has for the year as well as pay the costs of farming operations. The ox and the water buffalo are the source of farm power other than man power.

These people need a little help to enable them to get a new start. They are a fine people—"Sons of the Eagle" they call themselves, and the eagle still watches over their land. Given a helping hand, there is no doubt but what they again will find a constructive place in the family of nations.

We are beginning to learn that the peace and prosperity of the world depends upon helping all peoples to enjoy life. This, then, is one of the reasons that many far-seeing American people are interested in helping these backward peoples. This is why the Near East Foundation is cooperating with the Albanian Government in an effort "to improve farming practices and village life." This is why some Guernsey breeders of America have had the wisdom and the generosity to send some Guernseys to far-off Albania.

We have had two pure bred Guernsey bulls which have been used in rendering a free breeding service to Albanian farmers. Cows are sometimes brought from as far as thirty miles for service. What records are available indicate that the heifers from these Guernsey bulls and native cows produce about forty-five per cent more milk than their dams. The Guernsey bulls have very decidedly stamped their body and conformation characteristics on most of the offspring from these native cows.

Charm of Annandale 128052, one of our Guernsey sires, sent to us by Moses Taylor, Mt. Kisco, New York, was used on a native Albanian cow. This cow produced 175.5 pounds of milk in a lactation period of four months and then went dry. The daughter, Charm's Katund, calved December 15, 1931, and produced 658.6 pounds of milk during the month of January, 1932.

The same bull was used on a Macedonian cow which produced in a twelve month lactation period 2532.99 pounds. Helena, her daughter, calved April 5, 1930, and in a short lactation period of nine months produced 2073.7 pounds of milk. She calved again on February 15, 1931, and produced 3062.95 pounds in eleven months.

Now, because of the generosity of the Hazen Foundation of Haddam, Connecticut, we have Loretta of Hazenhurst 285434, and John H. Hammond of New York City has given Planet's Queen of Dellwood 309794. We who are responsible for the work here were delighted beyond measure when these splendid heifers arrived. They are well and seem to be as much at home in Albania as they would be in America. Both are very fine animals and these two donors have the distinction of starting the first pure bred Guernsey herd in Albania.

Readers of the Guernsey Breeders' Journal will also be interested to know that besides these two fine heifers that were donated, two young heifers were purchased from the New Jersey Agricultural College so that we now have four pure breds with which to build our herd. The two heifers purchased are: Rutgers Ultra Gloria Gay 340698, that is a daughter of Coventry College Lad 108296 and out of Rutgers Ultra Daisy 283255, and Rutgers Ultra Hope 340698 that was also by Coventry College Lad 108296 and out of Lucky Girl of Portland 143106. Both of these heifers were nice type of animals and should do the Albanian Institute a great deal of good. Also some fine goats and poultry were contributed to this important work.

The boys of our school will learn from the generosity of these Americans and they, in turn, will help their fellow farmers of Albania to make the much needed agricultural improvement that the welfare of this nation and of the world demands.

Advertising by Mail

A. A. THOMPSON of Uniontown, Pennsylvania, is an ardent supporter of advertising Golden Guernsey products by mail. Recently he had printed a reprint of his article appearing in the Journal on "Color in Milk," and several other pages advertising his herd. These were sent out to nearly 2,000 breeders in envelopes containing the legend: "Golden Guernsey Milk is Best. Ask for It; Demand the Best; From Your Milk Man, From Your Restaurant, From Your Hotel. Oak Hill Estate, Uniontown, Pennsylvania, Is the Only Breeder of High Milk Color Guernsey Cattle. This Folder Tells You About It." This legend was printed in a golden color and covered nearly half of the envelope.

The idea was very well received by Charles R. Myers of the Brookmead Guernsey Dairies, Philadelphia, and Mr. Meyers writes: "I think the Journal should give prominence to the envelope in which Mr. Thompson's booklet is mailed so as to capitalize in breeders' minds the thought Mr. Thompson has tried to capture, namely, to have all Guernsey breeders demand Guernsey milk in every hotel and restaurant. One of the largest orders we have ever received was due to Guernsey breeders and others demanding Guernsey milk and cream at one of the most prominent hotels in Philadelphia. The constructive following up of the thought expressed by Mr. Thompson resulted in one account which is taking up over 10,000 quarts of Guernsey milk a month. If all Guernsey breeders could realize the value back of this thought as expressed in 10,000 quarts of milk monthly, they might in greater numbers follow up Mr. Thompson's thought."

Venango County, Pennsylvania

NINETEEN herds, comprising 375 cows, were tested in Venango County, Pennsylvania, during March. Lee J. Hancox of Titusville owned a five year old pure bred Guernsey that produced 1448 pounds of milk and 60.8 pounds of butter fat. A five year old grade Guernsey, also owned by Mr. Hancox, produced 1376 pounds of milk and 57.8 pounds of butter fat, while another five year old grade in Mr. Hancox's herd produced 1566 pounds of milk and 56.4 pounds of butter fat. E. W. Shaffer, also of Titusville, owns a three year old grade Guernsey that produced 52.2 pounds of butter fat.

WHAT THE COWS ARE DOING

Their Latest Credits in the Advanced Register

***SPECIAL NOTE:** This list contains the monthly and total credits as checked at the time of going to press. Any omission or back credits given signify that either data had not been received in time or are held pending verification. These credits are subject to verification and correction until final approval and acceptance and all are made on the one-day basis except as otherwise indicated. Re-entry test is indicated by a * before the cows name. Farmers' Class record is indicated by a †*

Name and Number	Class	Days	Month	Production Credit Lbs. Milk	Production Credit % B. Fat	Production Credit Lbs. B. Fat	Total Credit Lbs. Milk	Total Credit Lbs. B. Fat
Adohr Stock Farms, Reseda, Calif.								
†Bear Canyon's Trixy 300453	G	99	Feb-Mar	1674.5	4.77	79.93	2816.4	118.19
†Beatrice of Adohr Farms 280877	F	162	Mar	658.1	5.41	35.60	3435.7	174.26
Blossom of Adohr Farms 269609	F	231	Mar	638.0	4.82	30.75	5394.4	244.77
†El Capitan's Florence of Adohr Farms 198758	A	271	Mar	584.3	6.36	37.16	7103.6	388.79
†Emmaline of Adohr Farms 258933	E	250	Mar	784.6	5.16	40.49	7452.8	328.51
Evaline of Adohr Farms 269606	F	314	Mar	986.4	5.25	51.79	10113.3	486.62
Imp. Fanny's Rose of the Spurs 287243	C	70	Mar	1301.2	4.09	53.22	2901.8	114.84
*†Inspiration's Langda of Adohr Farms 177259	A	277	Mar	624.0	5.15	32.14	6415.4	288.95
Jenora Gloria 274907	F	266	Mar	833.9	4.89	40.78	7847.4	364.14
Leslie of Seelake 278534	F	167	Mar	688.5	5.75	39.59	3762.2	217.52
*Nancy of Adohr Farms 165725	A	365	Mar	913.5	5.35	48.87	13197.1	659.6
*Rex's Lulena of Adohr Farms 177256	A	90	Mar	1302.6	4.98	64.87	3946.1	202.98
Imp. Rosebud of the Vauxbelets 287245	E	302	Mar	648.0	5.00	32.40	7884.4	386.29
Ruby's Evaline of Beirnetown 128617	A	217	Mar	584.7	5.00	29.24	5050.6	272.61
Sunny May of Adohr 99429	A	150	Mar	1041.4	5.07	52.80	5666.6	292.33
†Veda of Adohr Farms 244665	C	236	Mar	832.7	5.25	43.72	6520.9	322.82
*Vesta of Windmere 123530	A	73	Mar	1596.5	3.50	55.88	3568.3	131.56
Imp. Wilson Lady of Lilyvale 287247	E	365	Feb-Mar	605.7	7.49	45.36	8464.0	421.3
Windmere Dutchess 162777	A	181	Mar	716.5	5.30	37.97	5295.7	284.01
***Alabama, State of, Kilby Dairy Farms, Montgomery, Ala.** 2 day tests.*								
Golden Cherry of Roseneath 160342	A	337	Mar	717.5	4.29	30.78	11268.6	475.06
Highland Boy's Bertha Girl 213302	A	314	Mar	720.9	5.03	36.26	8961.4	406.91
Kilby's Warrior's Biserta 251659	D	136	Mar	922.5	4.71	43.45	4234.4	176.83
Kilby's Warrior's Doris Hamilton 251661	D	137	Mar	790.3	4.41	34.85	3693.9	156.79
Kilby's Warrior's Goldwena 252855	D	165	Mar	885.2	5.68	50.28	4700.4	253.09
King's Highland Dairymaid 318123	G	167	Mar	688.3	5.28	36.34	4080.6	206.45
Majestic's Sunbeam 176894	A	91	Mar	1070.7	4.67	50.00	3460.7	148.90
Pilot's Highland Pride 213304	A	100	Mar	1227.4	5.37	65.91	4225.5	211.79
Steadfast Warrior's Queen 286337	F	122	Mar	953.4	4.92	46.91	3791.8	162.25
Warrior's Beatrice 263157	D	122	Mar	850.2	5.18	44.04	3406.5	180.81
Warrior's Bertha 302831	G	35	Feb-Mar	1058.7	4.42	46.79		
s. Gayoso Steadfast Warrior 111596	d. Bertha's Glen Gable Girl 107901 A. R. 19433							
Warrior's Edna Darden 279001	F	247	Mar	663.3	5.33	35.35	5593.5	282.52
Warrior's Fannie 300840	G	143	Mar	825.0	5.05	41.66	3737.6	173.80
Warrior's Fern's Jewella 302830	G	39	Feb-Mar	1228.5	4.04	49.63		
d. Gayoso Steadfast Warrior 111596	d. Cyclop's Jeweller Belle 186213							
Warrior's Gold Baby 295222	G	165	Mar	778.8	4.98	38.78	4196.4	203.01
Warrior's Gold Crumbs 252856	D	167	Mar	729.9	5.22	38.10	4136.7	213.40
Warrior's Golden Beatrice 297138	G	146	Mar	911.3	4.73	43.10	4295.6	196.92
Warrior's Golden Belle 297137	G	161	Mar	662.7	4.75	31.48	3951.4	182.62
Warrior's Golden Gleam 292024	F	71	Mar	858.3	5.01	43.00	1903.0	95.97
Warrior's Golden Star 312591	G	13	Mar	435.2	3.61	15.71		
s. Gayoso Steadfast Warrior 111596	d. Barbara Princess 58837							
Warrior's Jeweller Belle 237431	C	175	Mar	867.2	4.44	38.50	5220.5	216.51
Warrior's Kilmae 310574	G	39	Feb-Mar	1079.7	4.63	49.99		
s. Gayoso Steadfast Warrior 111596	d. Kilby's Lady Mae 186215							
Warrior's Lady Bertha 237430	D	337	Mar	903.0	4.53	40.91	10119.7	427.48
Warrior's Lady Edna 286335	G	307	Mar	669.4	5.57	37.29	7805.9	376.75
Warrior's Loelle 295223	G	128	Mar	870.5	5.29	46.05	3697.4	174.46
Warrior's Pearl 263158	D	46	Feb-Mar	1224.2	5.80	71.00		
s. Gayoso Steadfast Warrior 111596	d. Spot's Pearl 118647 A. R. 18465							
Warrior's Phyllis Glenwood 272900	F	247	Mar	939.0	5.02	47.14	8021.6	345.62
Warrior's Pilot's Princess 279003	G	269	Mar	653.2	6.23	40.69	5995.0	311.17
Warrior's Roseneath Cherry 278999	F	233	Mar	710.4	5.16	36.66	6035.7	296.82
Ames, John S., Langwater Farm, North Easton, Mass.								
Langwater Anne 284005	F	250	Mar	975.1	6.03	58.80	8919.2	459.93
Langwater Belle 304317	G	194	Mar	998.9	5.42	54.14	6714.0	318.01
Langwater Clover 284006	E	138	Mar	1022.2	5.37	54.89	4894.2	238.28
Langwater Consort 2d 244741	D	365	Mar	29.0	5.78	1.68	13767.1	676.6
*Langwater Country Flower 204359	A	365	Mar	538.2	6.20	33.37	15106.3	790.4
Langwater Marais 299460	G	60	Feb-Mar	2162.4	4.23	91.52		
s. Langwater Sheik 77112 A. R.	d. Imp. Le Marais Select 207061							
Langwater Queen of the May 2d 276140	D	272	Mar	981.4	6.46	63.40	9667.3	503.77
*Langwater Star's May 206490	A	343	Mar	1083.5	4.62	50.06	17239.1	719.81
Langwater Tulip 307368	G	107	Mar	999.7	5.39	53.88	3630.9	174.30

Langwater Wendy 273785	D	231	Mar	868.5	5.49	47.68	8178.8	403.46
Radisson's Golden Coronet 251902	D	293	Mar	646.9	6.58	42.57	8220.7	481.39
Andrews, N. D., Greensboro, N. C.								
†Fawn's Proud Dame 249772	D	183	Mar	688.4	5.53	38.07	5228.1	257.10
†Krysta's Stella's Betsy 269795	G	302	Feb	339.1	5.80	19.67	6148.7	322.7
Pacemaker's Frances 226302	C	365	Mar	537.4	5.58	29.99	11723.8	562.4
Avery, Noyes L., Green Vale Farm, Eastmanville, Mich.								
Aiyukpa K. Gem 258132	D	97	Mar	1144.2	5.01	57.52	3679.3	167.49
Aiyukpa K. Sapphire 233738	D	365	Mar	574.2	6.11	35.08	9541.5	482.3
*Alice of Silver Maples 228333	B	176	Mar	1040.8	5.14	53.50	7008.5	349.41
*†Carl's Primrose 207377	A	57	Feb-Mar	2587.2	4.68	121.08		
s. Lone Pine Ranger 82296 A. R.	d. Lady Moon of Rudgate 156048							
Green Vale Constance 300331	G	192	Mar	781.8	4.24	33.15	5388.4	219.41
Green Vale Ultra Beulah 256921	D	224	Mar	794.1	5.25	41.69	6480.8	325.45
May Flower's Golddrop of Holmdene 236410	C	258	Mar	571.3	7.94	45.36	6266.3	402.42
*Nora of Smallidge 149059	A	141	Mar	1242.6	5.21	64.74	6535.6	350.31
Baldwin, Catherine J., Rose Lane Farm, Pennington, N. J.								
Radiance of Rose Lane 270298	G	365	Mar	679.4	6.17	41.92	8968.7	481.5
Baldwin, Charles, Rose Lane Farm, Pennington, N. J.								
Ann of Rose Lane 274306	G	365	Mar	497.3	5.30	26.36	9907.5	476.7
†Doris Max of Rose Lane 253552	D	235	Mar	624.7	5.60	35.42	5358.7	282.83
Elizabeth of Rose Lane 270300	F	130	Mar	802.1	5.79	46.44	3441.1	183.70
Janet of Rose Lane 224516	C	282	Mar	954.3	5.09	48.57	10822.1	504.11
†Melrose of Rose Lane 237105	C	220	Mar	678.4	5.31	36.02	5772.5	278.72
Ballard Brothers, Ballard Farm, Niles, Mich.								
Agnes of Ballard Farm 274429	G	345	Mar	522.0	4.38	22.86	7420.5	346.48
Dorcas of Ballard Farm 293444	F	119	Mar	809.6	4.44	35.95	3436.3	152.91
Harriet of Ballard Farm 220827	A	213	Mar	635.6	4.65	29.56	5156.8	254.84
Louise of Ballard Farm 221060	B	128	Mar	860.6	4.50	38.73	4177.9	197.47
Barclay, Hugh, Douglaston Manor Farm, Pulaski, N. Y.								
Douglaston Juanita 323767	E	103	Mar	1406.9	4.60	64.72	4778.3	232.98
Eudamar Starless 110276	A	335	Feb	448.3	5.40	24.21	14730.5	705.93
*Freda's Pet of Stanford 193764	A	357	Mar	695.5	5.20	36.17	12643.4	555.72
Greenacres Fairy Fern 257754	A	152	Mar	1208.0	4.45	53.76	6709.7	330.46
*Laddie's Buttercup of Sunnyside 202164	A	346	Mar	647.6	6.46	41.83	10909.9	591.97
*Lake View Cathrine 193246	A	360	Mar	570.1	6.60	37.63	12127.9	673.97
Maple Lane Genial 199806	A	341	Mar	852.6	5.20	44.34	10506.8	575.96
*Naomia of Stanford 192325	A	365	Mar	80.9	5.15	4.17	11388.8	564.7
Ruth of Mount View 3d 207865	A	332	Mar	801.2	6.11	48.95	9851.8	575.42
*Tabitha of Stanford 192329	A	233	Mar	761.3	5.39	41.03	11604.5	570.53
*Waldorf Rose-Marie 217611	B	312	Mar	821.7	4.50	36.98	10169.0	455.70
Beaulier, Adolphe E., Beauhaven Guernsey Farms, Skowhegan, Maine.								
†Lakewood Marion 237610	A	90	Jan-Mar	4572.5	4.23	193.59		
s. Saugerties Cavalier's Ultra 89467 A. R.	d. Aida's Lass of Lakewood 101941							
Bechtel, George M., Wyanet Farms, Davenport, Iowa.								
Buttercup of Wyanet 330035	G	365	Mar	165.2	6.83	11.28	7776.4	395.4
Corium Laddie's Katia 291033	G	325	Mar	572.9	6.89	39.47	8133.6	448.14
Lassie of Wyanet 330036	G	336	Mar	570.1	6.47	36.89	8577.4	429.74
Laurel of Wyanet 333537	F	248	Mar	479.2	5.63	26.98	4840.4	235.69
Imp. Rubina of Myrtle Place 332679	G	176	Feb-Mar	1218.5	5.90	71.88	4469.1	216.18
Beebe, C. P., Eastleigh Farms, Framingham Center, Mass.								
Birchfield Pauline 269580	E	55	Feb-Mar	2156.4	4.54	97.90		
s. Imp. Bickleigh Sequel 122548 A. R.	d. Birchfield Ultra Polly 219500							
†Nashua Buttermilk 263419	E	131	Mar	842.8	5.07	42.73	3715.3	178.65
†Nashua Dingle Dell 239361	B	128	Mar	935.3	6.47	60.51	4128.2	241.67
*Rambleton Rose-Marie 193901	A	41	Feb-Mar	1833.6	4.76	87.28		
s. Miss Spotswood's Leader of Rambleton 74866 A. R.	d. Imp. Olinda II. of the Blicqs 167722 A. R. 18435							
Rose Chene's Rolinda 237701	C	182	Mar	954.9	5.08	48.51	6579.5	328.73
Bender, Clark, Rockmore Farm, Hygiene, Colo.								
French Maid's Ultra King 246641	D	177	Mar	915.3	5.64	51.62	6287.0	298.08
Good Fellow's May Rose 2d 251127	D	183	Mar	933.9	6.03	56.31	7018.7	406.13
May Donna of Auburn 161575	A	183	Mar	963.4	6.09	58.67	7247.2	373.37
Melley May 221506	B	174	Mar	1087.0	5.05	54.89	6458.5	304.25
Peggy's Mary May 2d 221505	C	365	Mar	673.5	7.79	52.47	13531.9	856.3
Prince's Richesse 2d 280852	E	183	Mar	959.2	5.76	55.25	6551.5	326.97
Bingham, Leland C., Edinham Farm, New Milford, Ohio.								
Edinham's Honor Anita 329525	G	365	Jan	90.7	6.10	5.53	11875.2	565.8
Bishop, D. T., Hartville, Ohio.								
Fisherman's Marie 302346	G	88	Jan-Mar	2448.5	4.99	122.13		
s. The Red Rose Fisherman 146825	d. Fisherman's Marion 232232							
Hesitator's Rose of Gazelle 268608	E	148	Jan-Mar	3482.2	4.02	140.14	5523.3	222.94
Richel's Princess of Gazelle 252141	E	241	Mar	1133.4	5.07	57.46	8730.0	380.34
Black, F. B., Raemelton Farm, Mansfield, Ohio.								
Raemelton Caroline Jane 293644	F	87	Mar	1035.0	5.44	56.30	3137.6	154.96
Raemelton Moonbeam 282924	G	358	Mar	742.1	6.14	45.56	10103.6	533.16
Raemelton's Addy 203916	A	287	Mar	909.1	5.52	50.18	10114.2	492.90
*Raemelton's Anna 249417	E	342	Mar	941.2	5.40	50.82	13333.3	642.80
Raemelton's Gloria 265312	E	117	Mar	1068.6	4.36	46.59	4134.8	178.46
*Woodvale Eidelweis 258230	A	365	Mar	433.7	5.46	23.68	14690.8	685.7

Blagden, Dexter, Mrs., Red Bank, N. J.								
Fernbrook Fulfillment 239405	B	33	Feb-Mar	1478.0	4.42	65.31		
s. Fernbrook King 70609 A. R.	d. Fernbrook Attainment 188053							
Meadowland Ultra Pamela 135785	A	134	Feb-Mar	2004.5	5.66	113.42	4945.0	274.70
*Sunnybrook Topaz 220823	A	104	Feb-Mar	2134.2	4.96	105.92	3950.1	190.20
Boyle, Patrick, Astoria, Oregon.								
Bell's Lady of Walluski 296971	G	101	Mar	882.9	4.80	42.38	2841.8	136.56
Boyle, W. D., Elm Crest Farm, Baldwinsville, N. Y.								
†Bulia Vesta of Elm Crest 216646	C	305	Feb	103.7	5.30	5.50	7709.0	374.6
Bradley, Helen Sears, Wolfpen Farm, Southboro, Mass.								
Wolfpen Becassine 235633	B	91	Mar	1398.2	4.77	66.69	4342.1	197.38
Wolfpen Benefit 258028	D	156	Mar	1057.2	5.57	58.89	5845.7	313.04
Wolfpen Heather 208810	A	67	Jan-Mar	2756.8	4.87	134.22		
s. Langwater Highlander 100892	d. Wolfpen Bountiful 133756 A. R. 19667							
Wolfpen Lilac 221332	B	297	Mar	1269.5	6.21	78.84	14636.5	844.00
Brant, D. O., Brant Rancho, Canoga Park, Calif.								
*Alice Leman of the Rancho 139963	A	140	Mar	1635.9	5.26	86.05	8305.7	378.69
*Glen Gable Merry Lady 141625	A	275	Mar	758.0	5.42	41.08	10566.6	502.23
*Golden Dora of the Rancho 240863	A	362	Mar	982.7	5.09	50.02	16186.8	740.70
*Juanita of the Rancho 240864	A	346	Mar	735.6	5.23	38.47	11630.0	519.07
*Marmion's Golden Lassie 155191	A	238	Mar	1228.9	5.06	62.18	10593.0	541.53
*Primrose of the Rancho 140856	A	184	Mar	1317.8	4.77	62.86	9113.4	388.61
Rancho Banner's Clarabelle 336645	F	313	Mar	678.9	6.13	41.62	8734.5	462.06
Rancho Banner's Queen 339117	E	189	Mar	901.9	5.56	50.15	5847.1	292.77
Rancho Cavalier's Priscilla 329945	G	365	Mar	134.1	5.57	7.47	12952.7	634.8
Rancho's Coronation's Betty 352300	G	86	Mar	1125.4	3.96	44.57	3142.7	126.01
*Rancho Coronation's Lucky Girl 289539	B	186	Mar	1099.7	4.54	49.93	7730.2	319.71
*Rancho Coronation's Millicent 262226	A	122	Mar	1535.2	4.81	73.84	6537.1	290.79
Rancho Coronation's Milly 323941	E	365	Mar	782.1	5.39	42.16	11367.4	552.8
Rancho Daisy's Mary Ann 339551	F	281	Mar	842.7	5.24	44.16	9567.7	437.71
Rancho Daisy's Whiteface Elsie 337104	F	296	Mar	730.7	5.87	42.89	8582.2	480.13
Rancho Duke's Advent 343884	G	210	Mar	981.1	5.00	49.06	6973.0	342.72
Rancho Duke's Queen 339552	F	286	Mar	869.9	4.83	42.02	8228.0	366.42
Rancho Easter Adore 343647	F	238	Mar	812.1	5.40	43.85	7140.1	355.98
Rancho Easter Felois 331833	F	362	Mar	468.8	6.75	31.64	7669.8	451.80
Rancho Easter Fenix 343646	F	231	Mar	871.2	4.84	42.17	7372.3	334.39
Rancho Fred's Merry Lady 349234	G	148	Mar	1102.8	3.87	42.68	5868.5	247.45
Rancho Golden Advent 313541	D	275	Mar	1087.2	4.53	49.25	10302.3	455.92
Rancho Golden Elsie 343885	G	213	Mar	823.9	4.73	38.97	6144.8	273.50
Rancho Golden Henrietta 345002	G	198	Mar	1087.3	5.03	54.69	7774.1	311.97
Rancho Golden Maxine 339120	G	293	Mar	943.8	3.83	36.15	9233.9	340.75
Rancho Golden Rosemary 331832	F	356	Mar	897.8	5.30	47.58	11279.3	561.32
Rancho Golden Royal 336644	E	280	Mar	962.8	4.45	42.84	9949.8	420.42
Rancho Master's Princess 352947	F	73	Jan-Mar	2730.1	4.59	125.36		
s. Royal Master of the Rancho 93142	d. Rancho Royal Princess 250783 A. R. 23557							
Rancho Omar's Alice 340202	E	218	Mar	913.3	5.21	47.58	6983.3	323.40
Rancho Omar's Gussie 329009	F	365	Nov-Jan	1345.4	5.94	79.98	8855.8	411.9
Rancho Omar's Myrtle 339118	E	158	Mar	785.0	5.02	39.41	4886.1	222.16
Rancho Omar's Royal Alma 337854	F	316	Mar	678.6	5.84	39.63	7778.4	421.01
Rancho Omar's Twinkle Star 331627	F	365	Mar	272.8	6.78	18.50	9453.8	525.5
Rancho Prince's Amilla 337105	G	318	Mar	891.9	5.16	46.02	9657.6	476.26
Rancho Prince's Louise 339121	G	289	Mar	914.5	5.12	46.82	8938.8	399.87
Rancho Prince's White Rose 343648	F	231	Mar	924.1	5.40	49.90	7602.4	361.31
Rancho Starlight's Excellence 345653	E	143	Mar	1035.9	5.63	58.32	5244.5	244.86
Rancho Starlight's Frances 331834	G	365	Mar	589.2	4.87	28.69	11250.5	509.7
Rancho Starlight's Sunkist 352949	F	67	Jan-Mar	2325.5	4.52	105.12		
s. Rancho King Starlight 155251	d. Rancho Cavalier's Sunkist 283879 A. R. 25891							
Rancho Whiteface Juanita 337835	G	298	Mar	727.7	5.62	40.90	8690.3	413.28
Rancho Whiteface Mary 349211	G	131	Mar	1043.8	4.23	44.15	4971.2	195.07
Rancho Whiteface Millicent 351850	G	91	Mar	1377.2	4.59	63.21	3929.1	180.91
*Rancho Whiteface Myrtle 257966	B	365	Feb-Mar	901.6	5.98	53.91	14252.5	711.3
Rancho Whiteface Rosa 345001	G	200	Mar	860.0	4.45	38.27	5656.9	250.53
Rancho Whiteface Twilight 346140	G	172	Mar	833.7	5.36	44.69	5619.6	274.44
*Silverwood's Verbena 129756	A	298	Mar	1141.7	5.33	60.85	13697.8	658.33
Burden, Henry, Longview Farms, Cazenovia, N. Y.								
†Annie of Longview 305560	D	95	Mar	845.8	5.85	49.48	2781.2	163.01
†Birdella of Longview 338009	G	286	Mar	537.6	6.05	32.52	5786.9	309.17
†Cricket of Longview 305559	E	275	Mar	479.7	6.96	33.39	5246.9	306.31
*†Freda of Longview 239683	A	305	Mar	641.1	6.26	40.13	8744.0	454.9
†Mistletoe of Longview 355829	G	31	Mar	816.3	4.95	40.41		
s. Longview King Peterkin 127694	d. Prudence of Longview 160435 A. R. 20223							
*†Pollyana of Longview 246507	A	60	Mar	1097.6	5.45	59.82	2166.3	110.48
Polly of Longview 337790	G	291	Mar	593.2	5.68	33.69	6293.1	301.36
†Retta of Longview 357811	G	22	Mar	550.0	4.80	26.40		
s. Mixter Imperial 107513 A. R.	d. Floret of Eastside 122548 A. R. 19151							
Carter, George B., Waterloo Guernsey Farm, Connersville, Ind.								
Imp. Cynosure Gloria 248944	A	257	Mar	953.3	4.90	46.71	9275.6	413.94
Imp. Gloria's Bess 273726	E	111	Mar	1077.5	4.12	44.39	4433.6	189.86
Carter, H. A., Waterloo Guernsey Farm, Connersville, Ind.								
Evalon's Dell 183875	A	294	Feb-Mar	1353.2	5.33	72.19	8743.3	411.12
Lilly's Champion Queen 273725	E	123	Mar	1001.7	4.64	46.48	4470.5	206.72
Shuttlewick Lilly 168146	A	272	Feb-Mar	1614.6	5.35	86.43	8470.3	415.00

Central Avenue Dairy, Inc., Phoenix, Ariz.								
Challenger's Laura of Overlook 275405	F	331	Mar	920.1	4.98	45.82	10782.7	499.84
†Linwood's Miss America 275642	F	191	Mar	863.5	4.68	40.41	5707.5	256.79
Lynbrook Royal Flower 211866	A	90	Mar	904.9	4.70	42.53	2940.8	134.23
Chatham, Thurmond, Klondike Farm, Elkin, N. C.								
Beatrice of Rock Springs 147510	A	282	Mar	960.6	5.68	54.56	11357.3	549.39
*Bishopville Countess Closel 197391	A	336	Mar	483.1	6.06	29.28	10628.4	564.07
Blackwell's Rose 184456	A	284	Mar	819.5	5.32	43.60	9700.3	467.69
Cherokee Rose of Rock Springs 272260	G	275	Mar	763.8	5.35	40.86	7934.8	379.44
*Coventry Clara Myrtle 226069	D	365	Mar	164.6	5.65	9.30	13062.3	684.9
*Hazelwood's Princess 231278	B	320	Mar	911.2	5.70	51.94	12878.2	665.35
Klondike Doris 282842	G	218	Mar	719.0	6.34	45.58	6059.2	334.10
Klondike Gay Caroline 268685	F	115	Mar	1066.9	5.30	56.55	4312.2	204.03
Klondike Gay Dame 281319	G	271	Mar	795.6	4.49	35.72	7554.4	339.26
Klondike Gay Darling 274972	G	330	Mar	748.1	5.28	39.50	9438.7	452.45
Klondike Gay Dawn 283685	G	218	Mar	1032.2	5.01	51.71	7525.5	354.52
Klondike Gay Donnabella 285629	G	282	Mar	834.0	5.68	47.37	8892.8	455.54
Klondike Gay Duchess 273064	G	233	Mar	754.1	5.79	43.66	5979.6	316.40
Klondike Royal Damsel 292128	G	63	Mar	976.4	4.90	47.84	1987.0	90.18
*Lady Betty of Klondike 231489	B	105	Mar	1200.0	4.81	57.72	4507.7	212.65
*Lady of the Swamp 121658	A	96	Mar	1154.0	5.55	64.05	4376.7	234.95
Lahkoolsh Replica Brilliantine 220435	B	139	Mar	1095.5	4.76	52.15	5567.1	265.44
*Laughing Water's Violet 224427	B	324	Mar	669.1	5.98	40.01	9795.6	560.90
Pretty Maid's Henrietta 236769	B	119	Mar	810.8	6.46	52.38	3499.6	200.04
*Resolute's Countess 197815	A	305	Mar	753.1	6.15	46.32	10730.1	599.92
Woodrow's Renia Virginia 264800	F	288	Mar	1158.9	5.18	60.03	11519.0	526.35
Cheney, H. G., Est., Greenway Farm, South Manchester, Conn.								
*Blossom of Greenway 2d 258554	D	150	Feb-Mar	2414.6	5.81	140.34	6974.4	377.51
Hero's Hopeful of Greenway 289682	G	314	Mar	593.4	6.36	37.74	8750.6	498.98
Codington, A. I., River Edge Farm, Millington, N. J.								
Alberta of Wood Homestead 201928	A	200	Mar	607.1	6.00	36.43	6395.9	373.20
Shirley of Wood Homestead 201926	A	176	Mar	595.6	5.27	31.39	6187.2	330.58
Codington, W. R., River Edge Farm, Millington, N. J.								
†Conjuror's Music of Millside 306671	C	10	Mar	401.5	4.49	18.03		
s. Sunnybrook Conjuror 154748	d. Sunnybrook Noble Princess 176369							
Golden Myrtle Rose 217940	A	106	Mar	1142.9	5.38	61.49	3905.9	198.26
†Langhurst Rose Euskin 138764	A	181	Mar	764.0	5.29	40.42	5043.6	283.86
Colorado Agricultural College, Fort Collins, Colo.								
*College Mary May 270604	E	91	Mar	855.4	5.38	46.02	2888.9	159.70
*Columbine Belle 197435	A	356	Mar	660.1	4.42	29.18	10363.6	434.65
*May Amelia 226574	B	177	Mar	977.3	4.96	48.47	6156.3	306.70
May Richesse of Auburn 161576	A	86	Mar	1126.4	4.48	50.46	3183.1	149.05
War Cloud's Clara May 304110	G	104	Dec-Mar	3746.0	4.77	178.80		
s. War Cloud 135793	d. Planet's Clara 217686							
Compton, Lucius B., The Eliada Orphanage Farm, Asheville, N. C.								
Cherub's Lily Fern 254562	E	365	Feb	261.0	5.25	13.70	10879.8	474.1
Cleatta's Erline of Eliada 289919	G	103	Mar	1168.5	4.41	51.53	4038.2	180.34
Goldmead Grazie 286258	G	294	Mar	668.3	5.35	35.75	7980.9	365.73
Goldmead Star Dream 293501	G	166	Mar	888.8	4.65	41.33	5287.9	240.23
Miss Sue of Eliada Farm 288146	G	275	Mar	628.1	4.64	29.14	6697.6	296.72
Myra's Eliada Girl 307578	G	73	Mar	1150.2	3.92	45.09	2701.5	102.50
Myrtha of Eliada Farm 297267	F	60	Feb-Mar	2388.2	4.57	109.08		
s. Topsy's Sequel of Oaks Farm 141087	d. Easter of Garden Creek 171152							
Pansy's Hypatia of Eliada Farm 287275	G	198	Mar	987.7	4.11	40.59	6832.4	268.09
Imp. Princess II. of Val du Sud 280173	A	91	Mar	1307.6	3.96	51.78	4065.9	163.30
Rose of Becker Homestead 199816	A	120	Jan-Mar	3220.4	4.20	135.30	4355.7	181.73
Topsy's Eliada's Beauty 306694	G	85	Mar	975.9	5.21	50.84	2882.1	140.04
Imp. Wilma III. of Riduna 308904	D	159	Mar	867.2	4.71	40.85	4957.6	203.52
Cooper, Tom, Tom Cooper's Farm, Ardmore, Okla.								
Cooper's Admiration 247612	E	365	Jan-Feb	1228.9	4.47	54.93	11758.5	498.4
Cooper's Crystal 261961	F	338	Feb-Mar	1413.5	5.80	81.98	9978.6	512.59
Cooper's Jewel 261960	F	256	Jan-Mar	2195.5	5.71	125.45	6287.0	334.89
Cooper's Kathleen 278901	G	327	Jan-Mar	2184.2	5.38	117.58	8458.2	425.74
Cooper's Red Rose 278902	G	281	Feb-Mar	1305.2	6.16	80.41	7078.7	390.15
Cooper's Wild Fire 246519	E	351	Jan-Mar	2546.5	4.24	108.06	11655.3	468.36
*Gayoso Edna Louise 154129	A	365	Mar	193.8	5.75	11.14	17140.5	902.2
*Woodvale Lu Nell 233113	B	133	Mar	1194.3	4.59	54.82	5809.2	273.25
Corning, Parker, Corning Farm, Glenmont, N. Y.								
Imp. Corning's Athene's Maid 286367	G	202	Mar	616.7	4.85	29.91	4275.9	205.35
Imp. Corning's Athene's Maiden 286368	G	211	Mar	601.7	5.86	35.26	4666.3	242.71
Imp. Corning's Veronica 280759	G	211	Mar	743.3	5.18	38.50	4554.1	216.09
Imp. Daisy of Tawasagunshee 278858	E	180	Mar	701.6	5.07	35.57	4256.7	220 00
†Imp. Dimple Boy's Beauty 287871	G	60	Feb-Mar	2083.2	4.11	85.52		
s. Dimple's Boy of Cornus Farm R. G. A. S. 4985 P. S. A. R.	d. Imp. Beauty of Jetteries 275543 A. R. 28320							
†Imp. Iris of Tawasagunshee 280758	F	100	Mar	887.5	3.95	35.06	2958.4	113.54
Imp. Lady Bissette 279208	C	242	Mar	998.4	4.38	43.73	8048.7	361.40
Imp. Leader's Myrtle 286369	G	211	Mar	590.9	4.85	28.66	4273.2	198.42
Cotting, C. E., Chedco Farm, Berlin, Mass.								
*Chedco Rosamond 165942	A	191	Mar	890.3	6.61	58.85	6942.7	387.70
*Imp. Chedco Ruth 147980	A	253	Feb-Mar	1912.5	5.15	98.50	9906.8	468.36
Imp. Rohais Chance of Ashburton 2d 237533	C	81	Mar	1475.4	4.73	69.79	4025.7	167.72
Imp. Westeria's Ruth 332673	D	66	Mar	1482.0	4.53	67.13	3295.0	148.89

Cowham, C. F., Cowham Farm, Jackson, Mich.								
Chestnutwold Julia 254892	E	280	Mar	721.3	5.63	40.61	8837.1	437.33
Eloise's Trixie of Overlook 299891	G	101	Mar	1082.6	4.62	50.02	3830.9	174.59
King's Girl of Cowham Farm 305463	G	39	Feb-Mar	1556.6	3.60	56.04		
s. Trixie's White King 79691 A. R.	d. King's Tressie Girl 180947							
Tressie of Cowham Farm 276405	E	37	Feb-Mar	1601.2	4.64	74.30		
s. Linwood's Squire 99155	d. King's Tressie Girl 180947							
Wild Rose of Cowham Farm 225435	B	213	Mar	1069.5	5.10	54.54	9028.9	440.87
Crosby, L. O., Picayune, Miss. *2 day tests.*								
*Willowmere Bonne 238721	B	101	Mar	1246.9	4.11	51.25	4546.7	189.82
Crowe, A. L., Creatwood Farm Dairy, Smyrna, Ga.								
Garnett's Beauty of Creatwood 289388	E	99	Feb-Mar	2395.5	3.97	95.16	4199.6	161.55
Oak Terrace Polly Anna 228119	A	191	Mar	892.3	6.63	59.16	6672.8	409.65
Rena Maomi 203935	A	174	Mar	726.0	6.11	44.36	5049.9	289.87
Darby, Z. G., "Roseneath," Lowrys, S. C.								
Chieftain's Red Rose of Roseneath 250731	E	365	Mar-Apr	896.5	5.05	45.27	12129.3	543.8
Davis, L. G., The Terrace Farms, Linwood, N. C.								
*Cherry's Opal of Oakwood 180160	A	87	Mar	1107.8	6.03	66.80	3251.5	171.56
Klondike Beautiful 239416	C	91	Mar	1174.0	5.47	64.22	3608.4	180.82
May Flower's Rosa 239619	C	287	Mar	1081.0	5.60	60.54	10869.8	550.06
*Queen Bess of Twin Brook 206616	A	83	Mar	1162.0	4.30	49.97	3564.4	253.95
Dawson, John J., Lexington, Ky.								
Bessie of Hollywood Farm 174744	A	355	Feb-Mar	1223.1	5.16	63.16	10508.3	457.58
Catherine's Pet of Oaklawn 238935	D	365	Mar	266.7	5.24	13.98	11768.7	520.0
Dean, George E., Haven Hills Farm, Albion, Mich.								
*Elm Row Blossom 218155	C	365	Mar	190.4	5.99	11.40	11714.0	625.9
Find a Lassie 306869	G	73	Mar	923.2	4.84	44.68	2155.8	116.30
*Gloria of Ore Hill 182683	A	170	Mar	1021.0	5.41	55.24	6866.9	363.67
Patricia of Haven Hills 294209	G	124	Mar	598.7	5.07	30.35	2723.2	130.72
Pet of Quality Hill 320505	E	197	Mar	867.3	4.47	38.77	6491.6	288.71
Queenie of Smallidge Farm 130368	A	86	Mar	1219.5	4.85	59.15	3613.9	179.61
*Queen Isabelle of Peach Ridge Farm 205340	A	163	Mar	941.7	6.24	58.76	5625.7	341.93
*Queen Wood 235212	A	175	Mar	779.6	4.90	38.20	5820.7	279.38
Thistledown Jonquil 288547	G	305	Mar	691.2	5.17	35.74	9312.9	399.89
White Gold of Haven Hills 262320	D	114	Mar	892.2	4.80	42.83	3623.6	170.25
Deming, H. P., The Elm Tree Farm, Winsted, Conn.								
*†Clara Berlin's Belle 158730	A	288	Mar	573.9	5.75	33.00	8518.8	448.39
Elm Tree Carnation 213431	A	338	Mar	534.9	6.04	32.31	7805.0	457.02
*Elm Tree Clara 208171	A	108	Mar	1120.1	5.44	60.93	4133.0	228.05
†Elm Tree Diana 220602	B	305	Mar	66.4	7.45	4.95	6161.2	388.2
*†Elm Tree Dimple 237196	B	79	Jan-Mar	2841.0	5.14	146.12		
s. Elm Tree Gendarme 105075 A. R.	d. Elm Tree May Belle 140713 A. R. 17865							
†Elm Tree Fawn 281431	F	281	Mar	398.8	6.80	27.12	4643.8	291.39
†Elm Tree June 296273	G	164	Mar	609.8	5.69	34.70	3657.9	204.23
*Elm Tree Octobelle 129043	A	280	Mar	471.2	5.69	26.81	6487.6	371.67
Dickinson, John L., Charleston, W. Va.								
Charmante's Nella Girl 267074	G	330	Dec	298.9	5.54	16.56	7508.6	387.69
Empress of France 243978	C	138	Mar	1218.1	4.26	51.89	5994.5	246.81
Joy of Porter Farms 268916	F	317	Mar	519.6	6.08	31.59	8229.4	417.43
Quincy Anastasia 243561	C	112	Mar	1298.9	4.79	62.22	5003.4	220.82
Quincy Sally Lewis 285312	F	183	Mar	958.0	5.17	49.53	6312.0	287.96
Star's Bessie of Locust Brook 189349	A	352	Feb-Mar	883.3	5.78	51.05	12101.6	568.86
Domaszek, Matt, New Hope Guernsey Farm, Amherst Junction, Wis.								
†New Hope Miladdie's Glory 301379	G	130	Mar	891.2	5.35	47.68	3736.7	188.01
†New Hope Miladdie's Lassie 301377	G	127	Mar	866.9	5.25	45.51	3658.9	175.55
†New Hope Miladdie's Pride 301376	G	129	Mar	973.4	5.41	52.66	4005.4	194.71
*†New Hope Prince's Cornet 243790	C	114	Mar	1188.5	4.96	58.95	4664.6	202.43
Eisele, J. A., Eisele Guernsey Farm, Oklahoma City, Okla.								
Betty's Pride of Hon Terra 257440	E	273	Mar	1119.2	5.30	59.32	9750.1	473.96
Golden Secret's Royal Lady of Overland 132911	A	175	Mar	1197.9	5.15	61.69	7396.9	365.09
Golden Squire's Nella of Overland 144795	A	130	Mar	1239.5	4.32	53.55	5539.0	256.86
Lady Dawn of Hon Terra 264216	E	365	Mar	129.9	5.63	7.31	12364.0	605.6
Lottie Castello of Tarryawile 266954	D	91	Mar	1071.5	3.92	42.00	3242.4	129.80
*Naomi of Mengus Farm 194077	A	296	Mar	1339.2	5.34	71.51	13054.2	660.19
Ultra Jess of Hon Terra 265637	D	238	Mar	909.2	5.00	45.46	8425.9	389.59
Endicott, John, "Brookwood," Bloomfield Hills, Mich.								
Brookwood Chloe 298080	G	28	Mar	768.8	3.87	29.75		
s. Imp. Echo of Myrtle Place 141225 A. R.	d. Brookwood Christine 224432 A. R. 27191							
Brookwood Cornflower 290899	G	88	Mar	824.6	4.28	35.29	2417.8	93.31
Brookwood Jemima 283631	G	101	Mar	886.2	4.34	38.46	3078.1	126.66
Brookwood Poinsetta 286291	G	125	Mar	881.6	4.37	38.53	3941.0	173.98
Brookwood Wilhelmina 297421	G	9	Feb	258.2	5.15	13.30		
s. Coventry Belladonna's Sailor Lad 140919	d. Imp. Wilma of Riduna Farm 233599 A. R. 22243							
*Dora of Ballard Farm 193495	A	361	Mar	566.0	5.70	32.26	11026.6	569.81
*Langwater Queen's Fancy 264807	D	365	Mar	219.9	5.22	11.48	11122.1	465.8
Maple Crest Lorna 216272	B	365	Mar	411.8	6.28	25.86	11452.0	605.8
Erf, William, Chestnut Ridge Farm, Bellevue, Ohio.								
†Chestnut Ridge Alma's Althea 292878	G	259	Mar	629.8	4.89	30.80	6087.8	287.24
†Chestnut Ridge Iona Dairymaid 314931	G	46	Feb-Mar	1305.7	3.85	50.27		
s. Roughwood Marmion 135157	d. Chestnut Ridge Iona Maid 256514 A. R. 27701							

Chestnut Ridge Iona Jemima 335893	G	348	Mar	451.6	5.53	24.97	6950.1	364.67
†Chestnut Ridge Lady Betty 351466	G	97	Mar	771.5	5.54	42.74	2625.5	138.59
†Chestnut Ridge Princess Peggy 342011	G	259	Mar	600.1	5.33	31.99	5851.8	290.33
Fales, W. D., Riverside Ranch, Gooding, Idaho.								
†Elizabeth of Riverside Ranch 251057	C	126	Mar	1164.8	4.24	49.39	5442.3	214.54
Firestone, H. S., Firestone Farms, Akron, Ohio.								
Firestone Ramona 305493	G	36	Feb-Mar	1272.4	4.26	54.20		
s. Sergeant's Governor of Mountrose 91577 A. R.			d. Ramona's Chalys of Elgercon 225434 A. R. 24954					
*Sergeant's Belle of Firestone Farms 188368	A	352	Mar	966.9	6.64	64.20	12817.9	718.64
Imp. Sultane of Melrose 226864	A	325	Mar	962.9	5.50	52.96	13222.6	635.77
Fischer, L. C., Oak Terrace Farm, Dunwoody, Ga.								
*Coker Woodland Grape 171836	A	275	Mar	785.4	4.97	39.03	9084.5	440.59
*Ferby's Lady of Shadyside 161199	A	225	Mar	728.8	5.05	36.80	7896.0	387.67
Guernfalfa Hilda 243418	D	194	Mar	843.1	5.70	48.06	6964.9	376.38
Hazelwood Helen 234741	C	194	Mar	800.1	5.25	42.01	6112.0	297.24
Lady Armistice 194325	A	122	Mar	1352.2	4.49	60.71	5954.5	277.95
Oak Terrace Bethleen 275577	E	288	Mar	837.5	4.63	38.78	9591.4	412.69
*Oak Terrace Dahlia 190297	A	284	Mar	817.7	5.16	42.19	10402.4	502.57
Oak Terrace Kathleen 277238	G	315	Mar	889.5	4.38	38.96	11099.7	454.00
Oak Terrace Leading Lady 254214	D	237	Mar	877.8	4.72	41.43	9261.6	407.48
Fisher, William A., Overlook Farm, Rochester, Mich.								
Blue Bell's Mazie of Overlook 299892	G	117	Mar	1180.6	4.56	53.84	4588.5	190.27
Fleischmann, Julius, Winding Creek Farm, Blue Ash, Ohio.								
Aiyukpa K. Lassie 233730	C	358	Mar	20.8	4.21	1.88	7821.9	398.1
Daisy of Beech Brook Farm 118572	A	183	Mar	762.3	6.05	46.12	6635.8	390.57
Florrie's Princess of Cedar View 212134	B	365	Mar	184.9	6.35	11.74	9584.9	539.7
*Langwater Ilex 244738	B	109	Mar	1406.0	4.20	59.05	5123.9	201.54
*Snowdrop of Beech Brook Farm 172716	A	166	Mar	1164.5	4.60	53.57	7452.2	310.68
Upland's Lovely Princess of Cedar View 182259	A	104	Mar	1068.3	5.86	62.60	4045.3	206.47
Fleming, W. C., Paramount Farm, Greensboro, N. C.								
Paramount Foremost Lula 262074	E	298	Mar	408.4	6.85	27.98	5524.0	337.89
Raider's Trinklebell of Paramount 210026	A	316	Mar	673.7	5.30	35.71	9960.4	452.82
Violet's Melody of Wackena 98476	A	282	Mar	603.2	4.62	27.87	7819.9	322.76
Forsythe, A. H., Locust Lane Farm, Medford, N. J.								
†Pacemaker's Destiny 221232	A	94	Mar	973.3	4.62	44.97	3037.8	146.91
†Pacemaker's Snowdrop 252707	A	221	Mar	685.1	4.82	33.02	6209.0	281.88
†Quoexin Ultra Lydia 357763	C	9	Feb	271.9	4.44	12.07		
s. Old Contemptible 59639 A. R.			d. Lydia of Wasteland 84862 A. R. 15890					
†Warrior's Ultra Lady 221746	A	85	Mar	878.0	4.35	38.19	2584.9	109.68
Forsythe, Edwin B., Locust Lane Farm, Medford, N. J.								
†Locust Lane Maggie 192453	A	227	Mar	503.2	4.92	24.76	5519.4	245.68
Foster, Frank B., Montcalm Farms, Phoenixville, Pa.								
Broadwater Cybistra 271226	F	237	Mar	749.6	6.04	45.28	6324.3	339.82
Broadwater De Medici 252329	D	110	Mar	1099.3	5.62	61.78	4367.2	227.33
Broadwater Hesperes 265349	E	135	Mar	1254.0	5.39	67.59	5688.8	282.14
Broadwater Mercedes 282358	G	258	Mar	877.0	5:92	51.92	7871.9	404.03
Broadwater Minerva 272997	F	228	Mar	846.5	5.33	45.12	6326.6	306.16
Broadwater Myrtle 282359	G	235	Mar	859.3	5.37	46.14	6653.6	334.85
Fox, F. E., Waukesha, Wis.								
Alvin's Lady 303405	G	31	Mar	830.3	4.06	33.71		
s. Corium Alvin 63727 A. R.			d. Molly's Lady 185087					
Bonelcho's Mayme of Denmark 344529	G	42	Feb-Mar	1379.1	3.71	51.17		
s. Luxerin Bonelcho 93656			d. Douglas's Mayme of Denmark 124270					
Bonelcho's Nora of Denmark 343279	G	21	Mar	775.5	3.34	25.90		
s. Luxerin Bonelcho 93656			d. Douglas' Eleonora of Denmark 178636					
Luella of Lake Side View 120206	A	23	Mar	798.4	4.17	33.29		
s. Anchor Bob of Fairview 52183			d. Nesbit of Harvest Home 43589					
*Miss Queen O. K. 4th 111825	A	31	Mar	1106.4	4.23	46.80		
s. Paramount 37068 A. R.			d. Miss Queen O. K. 54773					
Nelly's Magdalene of Waukesha 256722	C	15	Mar	488.6	4.43	21.64		
s. Itchen May King of Maple Heights 71366 A. R.			d. Nelly of Pierce 96632 A. R. 12470					
Serene's Maiden of Waukesha 302536	G	15	Mar	369.5	4.03	14.89		
s. Martindale Sterling 109409			d. Serene's Girl of Arlymear 217372 A. R. 24510					
Foxburg Farms Herd, Foxburg, Pa.								
Foxburg's Beau's Arrow 323037	G	336	Mar	781.8	5.59	43.70	9922.0	507.48
Foxburg's Debbie 248490	D	102	Mar	1054.5	4.99	52.62	4091.9	193.97
Foxburg's Lilydale-Daisy 219875	B	342	Mar	769.7	4.75	36.56	11946.3	529.06
Mary Ann of Mapletree 157789	A	162	Mar	1494.6	4.40	65.76	8968.7	381.64
France, Joseph I., Mount Ararat Farm, Port Deposit, Md.								
*Brookdale Silver Star 200044	A	136	Mar	989.2	4.67	46.20	5021.7	219.41
B. Rose King's Babe 299770	G	110	Mar	727.7	5.05	36.75	2746.8	134.04
B. Rose King's Flo 299769	G	110	Mar	843.0	5.34	45.02	3073.4	146.52
B. Rose King's Mary 287372	G	194	Mar	618.8	5.50	34.03	4974.3	231.25
B. Rose King's Minervine 295548	G	110	Mar	780.1	5.49	42.83	3012.6	145.39
B. Rose King's Starlight 295160	F	90	Mar	798.3	4.57	36.48	2385.8	102.47
†Cloverdell Jolly 2d 265558	E	96	Dec-Mar	2515.9	4.58	115.28		
s. Penelope's King Procris 107000			d. Cloverdell Jolly 105491					
*Cosquay's Betsy 161257	A	336	Mar	767.6	4.89	37.54	12218.4	534.24
*Cosquay's Cheri Marjorie 248037	E	360	Mar	369.1	5.00	18.46	7052.4	345.04
Cosquay's Cheri Princess 243477	D	365	Mar	286.8	5.99	17.18	9683.0	470.8

*Cosquay's Rosalind 131419	A	365	Feb-Mar	841.7	5.87	49.43	12238.8	586.2
Cosquay's Rosebud 238052	D	365	Mar	233.5	6.16	14.38	12004.7	594.8
Diana of Chesapeake View 303792	G	365	Mar	107.3	5.01	5.38	6559.2	290.0
Homestead Lucille 277001	G	365	Mar	332.5	5.62	18.69	5730.7	266.8
*Memories' Midday Gloria 228316	D	365	Mar	35.3	4.76	1.68	9102.2	405.7
*Minervine of Walnut Grove 187135	A	55	Feb-Mar	2334.0	4.73	110.41		
s. Cavalier's Ultra Secret 72881 A. R	d. Penrose's Minerva of Sunnybrook 174030							
†Senator's Midday Gloria 301417	G	81	Mar	794.9	4.14	32.91	2163.4	88.57
Spring Rose Jess 275706	G	365	Mar	182.1	6.63	12.07	8654.1	480.4
Fretz, William F., Fritzlyn Farms, Pipersville, Pa.								
Atamannsit Princess Sweetheart 262969	E	232	Mar	732.1	6.11	44.73	6137.4	344.70
*†Buttercup of Melrose 253797	A	247	Mar	693.1	4.62	32.02	7269.7	336.55
*†Charter Lily of Fritzlyn 4th 248316	E	305	Mar	9.2	5.72	.53	7943.8	386.0
Imp. Fritzlyn Althea 272208	G	365	Mar	182.2	5.55	10.11	9717.6	458.7
Fritzlyn Dolly 294155	F	96	Mar	832.8	5.55	46.22	2916.8	144.63
*Fritzlyn Faith's Gift 221169	B	365	Mar	244.2	6.37	15.56	11201.6	609.0
Fritzlyn Good Boy's Althea 308642	G	70	Mar	913.7	5.07	46.32	2100.6	102.10
Fritzlyn Good Boy's Lily 308641	G	40	Feb-Mar	1556.5	4.24	66.00		
s. Fritzlyn Good Boy 139701	d. Charter Lily of Fritzlyn 4th 248316 A. R. 27031							
Fritzlyn Goodolia 298675	G	87	Feb-Mar	1685.6	4.48	75.45	2470.2	117.74
Imp. Fritzlyn Jeannie 272206	G	353	Mar	618.1	5.82	35.97	9294.4	457.56
Fritzlyn Myra 298677	G	80	Mar	856.8	5.61	48.07	2330.1	121.41
*Fritzlyn Trequean Gift 220683	A	71	Mar	1439.7	4.57	65.79	3247.0	137.72
*†Fritzlyn Ultra Gem 201652	A	305	Mar	260.9	5.43	14.17	10018.3	456.8
Marguerite's Gift 286845	G	332	Mar	688.1	6.02	41.42	9329.3	454.94
Publican's Azalia 213976	B	361	Mar	44.3	5.96	2.64	10448.2	477.3
Gallagher, William H., Glackmore Farm, Rochester, Mich.								
Eastern Queen of Lone Oak 292681	E	113	Mar	915.5	5.73	52.46	3729.0	211.54
Raider's Beauty of Quirk Farms 248233	C	82	Mar	1385.7	4.61	63.88	3907.8	167.70
Sister Ann of Bennington 212176	A	120	Mar	999.9	5.41	54.09	3978.7	206.18
Gallup, Florence L., Mayunsook Farms, North Adams, Mass.								
Mayunsook Rebecca 275091	F	183	Feb-Mar	1199.7	5.78	69.37	4096.6	203.43
Gaylord, E. K., Gaylord Guernsey Farms, Oklahoma City, Okla.								
Baron's Pride of Fairview 183776	A	336	Mar	780.8	4.80	37.48	10135.8	440.38
Beatrice of Egypt Mills 170939	A	143	Mar	1183.4	6.14	72.66	6062.2	337.07
Cecil's Sally of Fairview 156879	A	202	Mar	1043.8	4.57	47.70	7114.8	315.27
Dorothy May of Oakwood 125804	A	365	Mar	664.0	5.95	39.51	9707.0	499.9
*Imp. Grace of the Salines 185982	A	165	Mar	1189.2	5.06	60.17	7250.6	345.38
*Lady Clare of Oakwood 201493	A	364	Mar	884.5	5.42	47.94	13096.5	616.39
*Twin Brook Farms Hope 150725	A	365	Mar	57.3	5.20	2.98	13898.0	631.0
Gayoso Farm, Horn Lake, Miss.								
Bonnie of Traymore 243313	C	116	Dec-Feb	2452.0	4.61	113.05	3260.8	151.47
Gayoso Actor's Verena 330958	F	365	Mar	59.1	5.98	3.53	8712.1	458.3
Gayoso Marholla Ruby 288504	F	247	Mar	1102.3	5.22	57.54	9612.2	432.18
Gayoso Queen Otalie 291042	G	171	Mar	922.4	5.52	50.92	5273.6	265.70
*Gayoso Ranger's Actress 239019	C	167	Nov-Mar	5882.8	4.45	262.07	6576.8	290.66
Gayoso Shebholla Frederica 315404	F	248	Mar	917.3	6.03	55.31	7712.9	440.55
Happy Queen of Traymore 231828	B	192	Mar	840.2	5.70	47.89	5698.8	296.46
King's Minnie of Traymore 220442	A	199	Mar	849.2	6.12	51.97	5912.3	329.36
*Secret of Traymore 198152	A	87	Mar	1291.1	5.73	73.98	4251.3	226.19
Woodbine's King's Alba 266185	F	365	Mar	334.3	6.95	23.23	8576.3	493.3
Gile, Albion L., Chicona Farm, Chinook, Wash.								
Butternut of Chicona 204142	A	365	Mar	919.4	6.20	57.00	13726.4	771.0
†Hope of Chicona 172261	A	305	Mar	276.9	5.10	14.12	11394.5	513.9
Nanon of Chicona 204140	A	266	Mar	937.6	5.25	49.22	9169.1	450.65
†Nettie of Chicona 238123	A	69	Dec-Feb	2736.4	5.34	146.04		
s. Rockingham Fashion 96984	d. Natalie of Chicona 141233							
Sensation of Chicona 186588	A	299	Mar	586.2	5.20	30.48	7946.4	379.10
Gile, Albion L., Chicona Farm, No. 2, Bow, Wash.								
†Almira of Chicona 263380	D	124	Feb-Mar	1882.9	5.67	106.85	4323.7	239.20
Bonnie Jean of Chicona 264636	E	149	Feb-Mar	2066.7	4.92	101.61	5409.1	264.08
†Heather of Chicona 278573	E	24	Mar	1166.2	4.33	50.50		
s. Chicona Calvin 125478	d. Honey Dew of Chicona 145097							
Houri of Chicona 252396	C	119	Feb-Mar	2424.0	4.69	113.78	4931.8	226.55
†Jasmina of Chicona 261812	D	126	Feb-Mar	1533.6	6.02	92.25	3669.5	209.28
Nectarine of Chicona 268743	E	114	Dec-Mar	4339.4	5.70	247.19		
s. Beechwood Zero King 101528 A. R.	d. Nancy Lee of Chicona 134423 A. R. 22000							
†Virginia of Chicona 280436	E	98	Dec-Mar	4213.9	5.05	212.65		
s. Chicona Cedric 125480	d. Vivian of Chicona 153393							
Gill, E. T., Haddon Farms, Haddonfield, N. J.								
†Haddon's Graceful Lady 2d 278460	E	44	Mar	799.2	5.02	40.12	1135.1	57.15
†Haddon's Quaker Lady 279234	G	305	Mar	13.9	6.06	.84	5805.9	298.8
†Haddon's Trifler 4th 278471	E	27	Mar	794.9	4.75	37.76		
s. Imp. Golden Victory of the Blicqs 140787	d. Haddon's Trifler 118049 A. R. 23354							
†Margaretta of Haddon 2d 297456	G	31	Mar	745.3	4.55	33.91		
s. Imp. Golden Victory of the Blicqs 140787	d. Margaretta of Haddon 239103							
†Trude of Haddon 2d 297455	G	37	Feb-Mar	1075.5	3.92	42.16		
s. Imp. Golden Victory of the Blicqs 140787	d. Trude of Haddon 217293 A. R. 24604							
†Tuscania of Haddon 2d 297454	G	25	Mar	677.1	3.61	24.44		
s. Imp. Golden Victory of the Blicqs 140787	d. Tuscania of Haddon 239104							
Gladding, John R., Est., Borrodale Farm, Thompson, Conn.								
*Imp. Joan III. of Dairy Farm 253823	A	353	Jan-Mar	3529.9	5.85	206.51	15957.1	835.42
*Lady Cornelia of Round Hill 165465	A	365	Jan-Mar	1899.9	5.73	108.77	13347.0	646.5

Glanville, F. J. & Nelson, Ben C., Liberty Farm, Lancaster, Wis.								
Liberty's Cherry 259229	E	109	Feb-Mar	2265.6	4.73	107.18	4308.5	193.59
Liberty's Grace 256609	D	79	Jan-Mar	2797.5	4.09	114.31		
s. Imp. Sequel's Steadfast 133488	d. Sweetness of Liberty 177528 A. R. 27927							
Gleason, Fred C., Tamarack Ridge Farm, Sodus, Mich.								
†Nancyan of the Ridge 303053	G	91	Mar	808.0	4.85	39.19	2354.8	115.91
†Royalette's Rose of the Ridge 277835	E	27	Mar	789.6	4.75	37.51		
s. Polly's Ultra Ne Plus 109237 A. R.	d. Abbie's Royalette of the Ridge 215662 A. R. 24790							
†Rubyann of the Ridge 267724	E	55	Mar	746.3	6.50	48.51	1291.2	85.56
*†Suke's Royalene 216399	A	72	Mar	1356.4	5.50	74.60	3298.8	155.21
Gluek Brewing Company, Minneapolis, Minn.								
*Gluek Beauty Rose 241903	A	365	Mar	794.8	6.98	55.48	13582.4	833.8
Gluek Royal Rose 267303	E	133	Mar	1022.6	5.34	54.61	4949.7	254.71
Langwater Golden Glow 302661	F	179	Mar	1061.9	5.26	55.86	6910.7	300.98
President's Ramona 305523	G	188	Mar	1068.4	4.42	47.22	6329.6	276.30
Shorewood Bettina 279806	G	365	Mar	553.6	5.86	32.44	10305.4	487.8
Golinvaux, Joseph, Waterloo, Iowa.								
†Golden Rose of Gordondale 187282	A	129	Mar	925.0	5.20	48.10	4708.3	232.00
Traverdale Betty 258170	D	205	Mar	516.4	4.47	23.08	5869.9	275.96
Greissell, John M., Marjohnelle Farm, Flint, Mich.								
*†Dart's Cherub's Dora of Grand Mere 231807	B	101	Mar	1145.3	4.95	56.69	4060.9	203.80
Marjohnelle Princess Blossom 290701	G	150	Mar	734.0	4.95	36.33	4060.4	191.90
Marjohnelle Royal Adelaide 268822	G	365	Mar	91.4	5.30	4.84	8201.3	380.5
†Marjohnelle Royal Bessie 290703	G	134	Mar	993.3	3.90	38.74	4824.4	203.98
†Marjohnelle Royal Bonnie 278390	F	183	Mar	817.7	5.15	42.11	5653.6	283.16
Griffin, Harry S., Nabnasset Farm, Nabnasset, Mass.								
Imp. Blossom of Nabnasset 320138	D	38	Feb-Mar	1554.5	4.43	68.86		
s. Valentine's Fortune Souvenir R. G. A. S. 5252 P. S.	d. Imp. Queen Nelly of Passee Villa 253814							
Imp. Duchess of Ashleigh 253812	A	192	Mar	1024.3	5.63	57.67	7145.9	363.74
*Imp. Jessamine of Bas Bourgage 253807	A	280	Mar	1166.2	5.60	65.31	11770.6	567.97
Nabnasset Blanchette 338661	G	77	Mar	1056.4	4.76	50.28	2627.8	114.81
Nabnasset Phyllis 338660	G	207	Mar	835.4	5.62	46.95	6235.2	318.67
*Queen's Dawn of Shattoockquis 193683	A	77	Feb-Mar	3104.9	4.62	143.43	3774.5	183.67
Grinnell, Lawrence, Birchfield Farm, South Dartmouth, Mass.								
Birchfield Animate 285523	G	183	Mar	1045.5	5.45	56.98	6619.5	329.16
Birchfield Roselady 287476	G	193	Mar	966.5	6.09	58.86	6778.7	362.57
Birchfield Rosemead 194073	A	351	Mar	926.1	6.01	55.66	13042.3	690.33
Birchfield Ultra Ruth 235026	B	91	Mar	1268.2	5.56	70.51	4126.2	213.27
Grinnell, Russell, Locust Valley Farm, Exeter, R. I.								
Locust Valley Buttercup 276430	G	258	Mar	813.3	5.43	44.16	7434.0	372.05
Locust Valley Clematis 293504	G	73	Mar	767.8	5.52	42.38	1844.6	97.18
Locust Valley Hyacinth 289902	G	148	Mar	858.9	4.40	37.79	4017.1	159.61
Locust Valley Lavender 276427	G	339	Mar	654.4	6.77	44.30	7953.0	459.16
Guess, J. B., Jr., Edisto Farms, Denmark, S. C.								
Dallion of Edisto Farms 299858	G	60	Feb-Mar	2139.1	4.29	91.72		
s. Rose Vista Cyclop 84928 A. R.	d. Bell of Denmark 251101							
Jeweller's Felice 299859	G	60	Feb-Mar	2272.1	4.05	92.13		
s. Florham Jeweller 100914 A. R.	d. Rose Vista's Esther of Edisto Farms 213698 A. R. 27198							
Jeweller's Polly Ann 241998	E	355	Mar	717.1	4.95	35.50	11258.9	542.39
Jeweller's Sibyl 290597	G	150	Jan-Mar	2663.1	4.58	121.98	4554.2	202.11
*Mabel of Edisto Farms 221089	B	270	Feb-Mar	1184.8	5.42	64.22	7704.5	372.08
Rose of Edisto Farms 2d 288279	G	183	Mar	601.2	5.38	32.34	4382.4	226.06
Toinette of Edisto Farms 290595	G	125	Mar	726.3	4.99	36.24	2997.3	139.93
Hach, Walter F., Mr. & Mrs., Waltona Farm, Medina, Ohio.								
†Marigold of Waltona 262662	E	305	Mar	156.8	5.95	9.33	7352.0	357.2
†Mignonette of Waltona 267879	F	305	Mar	210.7	5.95	12.54	7652.6	381.9
Hall, J. Elliott, Vallevue Farm, Morristown, N. J.								
†Coventry Lady Clara 256799	D	47	Feb-Mar	1571.3	3.90	61.28		
s. Coventry Queen's Leader 120411	d. Clara White 91403							
*†Daylo Faithful 237994	B	26	Mar	896.0	5.52	49.46		
s. Langwater Music's Dimple King 57284 A. R.	d. King's Daylo Ethel 99450 A. R. 15807							
Norartless 246844	D	290	Mar	906.8	5.20	47.15	10263.8	504.50
Hare, Robert W., Glen Rock Farm, Sharon, Mass.								
*Massapoag Lucky Lass of Norfolk Aggie 247926	C	122	Mar	1231.8	5.34	65.78	5660.7	284.09
*Trumpeter's High Note 211349	A	119	Mar	1775.2	4.30	76.33	6848.9	280.50
Hawkins, Elma E., Silver-Forest Fruit & Stock Farms, Silver Creek, N. Y.								
Poplar Janet 210052	A	251	Mar	830.2	4.91	40.76	7680.1	349.14
Hawkins, L. A., Silver-Forest Fruit & Stock Farms, Silver Creek, N. Y.								
Lillian of L. G. F. 272534	D	94	Mar	812.3	4.98	40.45	3008.9	140.03
Lucile of Northside 300072	G	103	Mar	820.4	5.06	41.51	2973.2	138.30
Haywood, T. Holt, Arden Farm, Clemmons, N. C.								
†Cecilly of Big Spring 292829	F	275	Mar	552.1	5.20	28.71	6227.6	310.79
Rhoda's Ruby of Oakwood 304206	G	152	Mar	554.0	5.02	27.81	3153.5	148.79
†Westmoreland Ultimas Lassie 303068	G	143	Mar	643.8	5.21	33.54	3440.0	167.11
Heifner, C. B. & Son, Villa-Way Dairy Farm, Sullivan, Ohio.								
†Bellmaid of Villa-Way 306593	G	75	Mar	705.9	4.20	29.65	1796.2	75.99

Hekma, Jacob, "Boerderij," Greenwich, Conn.								
*Juno's Pride of Girdle Ridge 148610	A	137	Mar	1247.6	5.48	68.37	6662.4	352.24
Marilla of Dunnellan Farm 315435	G	120	Mar	1101.8	5.23	57.62	4465.7	222.55
Marion of Girdle Ridge 205153	A	49	Feb-Mar	1992.1	5.41	107.77		
s. Chilmark's Itchen Masher 85613	d. Fernleaf of Girdle Ridge 154720 A. R. 23324							
Masherlette of Girdle Ridge 205152	A	37	Feb-Mar	1686.6	5.06	85.34		
s. Chilmark's Itchen Masher 85613	d. Nella Jay of Girdle Ridge 154719 A. R. 21731							
Hoen, Frank J., Est., Bloomfield Farm, Glyndon, Md.								
*Bloomfield's Ultra Miss Frost 166125	A	244	Feb-Mar	2025.1	4.59	92.87	9795.6	464.07
Hollenbeck, J. C., The Oronoko Farm, Berrien Springs, Mich.								
*Dorinda of Oronoko 204139	A	41	Feb-Mar	1780.7	5.50	97.94		
s. Royal's Prince of Maple Hill 60548	d. Queenie of Oronoko 111250 A. R. 14168							
Huston, T. L., Brunswick, Ga.								
*Winston Farms Flower 217801	B	129	Mar	893.5	4.85	43.33	3958.1	177.73
Illinois, University of, Urbana, Ill. 2 day tests.								
Challenger of Prospect's Pride 164710	A	216	Jan-Mar	2544.3	4.42	112.40	7039.7	303.20
Dimple's Dot of Woodland Echo 277291	G	365	Mar	523.9	5.95	31.17	10468.8	497.4
Illini Miranda Girl 271515	E	174	Mar	487.6	5.46	26.62	3696.8	199.27
Orndale Verna 272794	G	361	Feb	240.1	8.21	19.71	9174.6	492.6
Prince's Polly of Shantituck 273206	F	343	Feb	337.2	8.39	28.29	8144.3	417.56
Queen Alma of Poskin 283726	E	82	Mar	1091.0	4.52	49.31	3057.9	141.33
Queen's Gem of Woodland Echo 277292	G	332	Mar	662.7	6.00	39.76	8369.6	439.58
Iowa State College, Ames, Iowa. 2 day tests.								
Ames Cherry Queen Eta 204855	A	338	Mar	660.6	5.40	35.67	11793.3	612.21
Ames Jewel Lass Alpha 283075	G	365	Mar	878.7	6.00	52.72	12760.0	651.3
Jackson, J. J., New Milford, Ohio.								
*Mrs. Jackson's Pride of Buena Vista 242385	D	365	Dec	600.0	5.65	33.90	10990.3	549.3
James, Arthur Curtiss, Beacon Hill Farm, Newport, R. I.								
†Beacon Hill Joyce 264789	G	305	Feb	84.0	6.43	5.40	6676.7	341.3
Jeppson, George N., Oakholm Farm, Brookfield, Mass.								
†Brookmont Aleece 182073	A	53	Feb-Mar	2276.8	4.49	102.23		
s. Cocalico's Branford King 63097	d. Ottilie's Pride 41346							
†Oakholm's Royal May 239455	C	145	Mar	606.9	4.62	28.04	4220.5	197.58
Johnson, H. W., Winston-Salem, N. C.								
Tidy of Edgewood 4th 98166	A	365	Mar	233.2	5.44	12.69	7008.0	348.1
Johnson, Paul R., Glencliff Farm, Independence, Kans.								
President's Lassie of City View 149981	A	365	Oct-Nov	450.7	5.09	22.92	11096.9	501.4
St. Croix Millicent 259268	F	365	Dec	80.8	5.94	4.80	10353.5	484.2
Jordan, Fred T., Ridgeland, Wis.								
Jenny's Glenwood Lassie 314274	E	365	Feb-Apr	2050.9	5.03	103.06	10955.8	486.8
Kane, John Kent, Shirley Farm, Glenloch, Pa.								
*Fair Field Royal's Ester 205976	A	160	Mar	924.8	5.26	48.64	5568.0	303.81
Laura's Heiress of Shirley 293665	G	91	Mar	784.7	5.58	43.79	2693.1	133.83
Nannette's Dimple Queen of Shirley 243698	D	336	Mar	419.1	5.96	24.98	7371.6	393.54
Perfect Pearl of Shirley 267261	E	226	Feb-Mar	1139.0	4.65	52.96	5361.6	237.88
Royal Esther of Shirley 266560	E	127	Mar	903.5	5.85	52.85	4296.4	226.04
Shirley's Moonbeam 288846	G	205	Mar	1191.5	4.92	58.62	9361.4	437.88
Kaufman, L. G. & M. Y., Loma Farms, Marquette, Mich.								
*Bay Cliffs Glenwood Girl 125878	A	334	Mar	1167.9	5.17	60.38	16663.0	736.09
Bay Cliffs Queen 176594	A	273	Mar	1037.5	4.32	44.82	13174.8	574.69
*Bay Cliffs Rilma 176596	A	125	Mar	1331.0	4.83	64.29	6043.6	265.47
*Bay Cliffs Symphony 159063	A	356	Mar	492.9	5.14	25.34	12707.1	615.03
Corium Ultimas' Ideal 231123	B	116	Mar	872.7	6.13	53.50	3648.0	217.01
*Doris of Thousand Springs 214706	A	138	Mar	1175.7	5.13	60.31	5793.5	293.41
Loma Aerolaine 311200	G	26	Mar	975.2	5.26	51.30		
s. Shuttlewick Ajax 146487	d. Loma Herolaine 257165 A. R. 27433							
Loma Anna 296104	G	53	Feb-Mar	2129.9	4.33	92.23		
s. Shuttlewick Ajax 146487	d. Loma Sultana 246170 A. R. 26773							
Loma Betsey 266848	E	134	Feb-Mar	1740.9	5.14	89.54	4255.6	210.66
*Loma Creamelle 259514	E	323	Mar	557.6	6.92	38.59	10329.1	601.79
Loma Defender's Gracious 294745	G	210	Mar	703.0	5.61	39.44	5249.7	266.77
Loma Defender's Paula 294741	G	305	Mar	1056.4	6.22	65.71	12072.3	656.20
Loma Doris 296103	G	59	Mar	879.0	5.72	50.28	1629.1	90.86
Loma Double Jennie 324314	G	47	Feb-Mar	1651.6	5.13	84.73		
s. Loma Double 151004	d. Loma Jennie 257162 A. R. 26982							
Loma Flora 281172	G	313	Mar	694.9	6.51	45.24	9093.0	495.36
Loma Golden Creamelle 281175	F	89	Mar	953.8	5.23	49.88	3026.7	146.13
Loma Golden Rilma 311198	G	29	Mar	967.8	5.55	53.71		
s. Cherub's Gold of Prospect 114623 A. R.	d. Bay Cliffs Lady Rilma 140599 A. R. 17777							
*Loma Jennie 257162	E	365	Mar	461.3	6.48	29.89	12598.6	643.3
Loma Maxalaine 294746	G	249	Mar	713.8	5.60	39.97	6384.5	314.11
Loma Max's Princess 294748	G	138	Mar	687.7	6.31	43.39	3366.9	190.22
Loma May King's Rosie 281173	G	233	Mar	860.6	5.85	50.35	6579.2	352.34
*Loma May Rosie 257164	D	136	Mar	1230.0	4.56	56.09	5937.3	255.83
*Loma Rilma 228136	A	46	Feb-Mar	2662.6	6.46	172.01		
s. Cherub's Royal Defender of Shorewood 96270 A. R.	d. Rilma of Bay Cliffs 93480 A. R. 11549							
*Loma Sweetheart 246169	B	119	Mar	1200.2	4.89	58.69	5048.9	253.06
Kay, F. C., City Park Dairy, Pueblo, Colo.								
Interlochs Juliet 293381	A	307	Mar	902.0	4.07	36.71	11629.2	495.71

Interlochs Madge 242429	C	91	Feb-Mar	2449.8	3.91	95.82	3819.2	161.41
Interlochs Mamie's Mandy 251628	C	75	Jan-Mar	2375.6	4.72	112.12		
s. Sweetness's Absolute of Mound City 99343 A. R.			d. Jessie's Mamie 85473 A. R. 15394					
Kinney, Oscar F., Waldorf Farms, North Chatham, N. Y.								
*†Waldorf's Nancy's Natalie 246256	C	48	Feb-Mar	2725.7	4.43	120.75		
s. Langwater Governor of Carteret 79617 A. R.			d. Waldorf's Nancy 156967					
†Waldorf Tulip's Peggy-Ann 246383	C	53	Feb-Mar	2158.8	3.83	82.64		
s. Wyebrook Eminence 75296 A. R.			d. Waldorf Tulip 86885 A. R. 14610					
Knight, Clarence O., California Dairy Farm, Guilford College, N. C.								
Fern Vista's Pauline 292228	G	170	Mar	725.6	5.25	38.09	4243.9	211.50
Fern Vista's Robust's Rose 293718	G	178	Mar	833.8	4.82	40.19	5356.7	232.55
Fern Vista's Sarah Maude 292227	G	175	Mar	717.6	5.17	37.10	4036.5	195.79
Robust's Blanch 292226	G	175	Mar	942.0	4.18	39.38	5673.1	226.79
Kruse, Simon, Radisson Farm, Anoka, Minn.								
Belle's Mayflower of Radisson 345480	G	197	Mar	494.3	6.40	31.64	3645.4	220.27
Bessie of Pine View 282438	F	158	Mar	866.7	4.89	42.38	4613.1	216.05
Camilla of Radisson 320996	E	128	Mar	852.3	5.76	49.09	3999.9	221.30
Coronet's Daisy Moon 258326	D	231	Mar	514.4	6.11	31.43	5014.9	300.29
Coronet's Mary 289951	F	179	Mar	776.7	5.41	42.02	5442.7	271.20
Flora's Bonny Rose of Radisson 345479	F	179	Mar	997.3	5.42	54.05	6188.2	332.59
*Flora's Coronet of Radisson 247890	A	33	Feb-Mar	1632.9	4.47	73.04		
s. Radisson's Golden Royalist 91632 A. R.			d. Flora's Beauty of Fair Meadows 92624 A. R. 12866					
Gree's Dairy Rose of Radisson 320995	F	365	Feb-Mar	834.2	3.75	31.28	9742.9	437.6
*Maxime's La Noce 208884	A	2	Feb	95.3	4.80	4.57		
s. La Noce's Julian 81101 A. R.			d. Hero's Maxime of Island Farm 159925					
May Rose Helen of Radisson 276493	A	259	Mar	644.0	5.43	34.97	7087.2	344.34
Radisson's Annetta 355578	G	36	Feb-Mar	1054.6	3.99	42.09		
s. Royalist's Golden Noble 151722			d. Royalist's Beauty of Radisson 142496 A. R. 21446					
Royalist's Fortune of Radisson 321000	G	365	Mar	22.1	5.63	1.24	8469.8	473.9
Royalist's Sunbeam of Radisson 257776	B	365	Mar	39.9	4.76	1.90	10758.0	540.7
Tionetta 208886	A	365	Mar	4.3	6.24	.27	8665.6	468.8
Trinket of Radisson 284406	F	231	Mar	478.7	4.88	23.36	5337.5	264.22
Latta, J. E., Hillsboro, N. C.								
†Regina of Constance 300527	G	67	Mar	832.9	5.04	41.98	1727.0	87.14
Leinbach, H. M., Lonicera Farms, Douglassville, Pa.								
*Lonicera Heloise 193057	A	65	Mar	1298.6	5.41	70.25	2735.5	147.27
Lonicera Lily 195183	A	365	Mar	43.0	5.33	2.29	11477.4	541.8
*Lonicera Peerless 199506	A	170	Mar	945.0	4.70	44.42	5870.1	290.28
Lonicera Thelma 168279	A	91	Mar	1429.7	5.24	74.92	4427.7	235.51
Leman, J. Howard, Frankland Farms, Hopkinton, Mass.								
Antoinette of Frankland 141865	A	354	Mar	731.5	5.19	37.96	11600.1	521.88
*Gypsy of Frankland 239525	C	128	Mar	1287.3	4.56	58.70	5916.1	269.72
*LaBelle of Frankland 192641	A	317	Mar	479.2	5.55	26.60	9445.8	425.15
Langwater Cherry Blossom 307370	G	99	Mar	951.3	5.86	55.75	3277.1	166.58
*Lucy of Frankland 252628	D	98	Mar	1142.9	4.61	52.69	3837.5	170.76
*Maida of Frankland 141864	A	111	Mar	1362.6	4.60	62.68	5217.3	223.77
Susan of Indian Brook 186834	A	354	Mar	664.0	5.08	33.73	11437.8	501.32
Lemon, L. C., Est., Mount Vernon, Iowa.								
Gladys Marie of Guernsey Haven 286750	G	344	Mar	523.8	6.18	32.37	7692.6	401.91
Guernsey Haven Margaret 213628	B	348	Mar	603.3	6.67	40.24	11633.7	602.23
Jeanette of Guernsey Haven 332481	E	348	Mar	728.9	5.75	41.91	9378.8	476.76
Juliette of Guernsey Haven 264140	F	365	Jan-Feb	346.3	4.06	17.54	8354.8	355.4
Prue of Guernsey Haven 227369	C	365	Mar	122.1	5.08	6.20	10949.3	504.6
Snowdrop of Guernsey Haven 258210	F	365	Jan	357.9	6.79	24.30	8674.0	468.3
Liebers, Lawrence, "Skyline," Lincoln, Nebr.								
Skyline Prospect Flora 269376	D	59	Feb-Mar	2687.9	5.97	160.47		
s. Langwater Cherub 128041			d. Lorenzo's Flora of Pleasant View 168924					
Locke, R. F., Lockshore Farm, Cressey, Mich.								
*Aiyukpa Secret Treva 233732	C	356	Mar	475.8	5.80	27.60	10739.3	546.19
*Max's Besse of Oak Grove Farm 144298	A	365	Feb	621.7	6.73	41.84	14761.8	826.8
Meadow-Gold Lucile 228444	C	365	Mar	127.2	6.29	8.00	10374.4	528.5
Polly of the Annandale 202938	A	329	Mar	892.4	5.82	51.94	11789.9	687.98
Scottland Farms Ladyofthelake 299043	E	365	Mar	849.1	5.96	50.61	12929.8	618.4
Mallory, Robert B., Guernsey Farm, Williamsburg, Va.								
Cary Grayson's Buttercup 181396	A	152	Mar	981.2	5.10	50.04	5625.8	253.76
Hope of Guernsey Farm 229833	A	99	Mar	1133.1	5.20	58.92	4014.7	194.86
McKerrow, George & Sons, McKerrow Farm, Pewaukee, Wis.								
†Royaletta of Forest View 283211	G	305	Feb	209.3	7.38	15.45	4881.7	297.2
McLean, George P., Holly Farm, Simsbury, Conn.								
Beauty's Pink Rose of Greenwood Farm 175050	A	62	Jan-Mar	2803.4	5.18	145.09		
s. Florham Count 80505			d. Beauty of Greenwood Farm 80399					
Holly Farm Minerva 271146	E	119	Mar	862.4	5.96	51.40	3746.1	214.20
Holly's Loyalty 248002	C	122	Mar	1073.9	5.13	55.09	4672.8	245.87
*Jeannette's Ultra Maid 118782	A	147	Mar	884.7	5.30	46.89	4800.9	251.55
Mixter Royal Maid 181360	A	365	Mar	399.3	6.06	24.20	12582.3	683.4
Threebrook's Diana 179488	A	336	Mar	696.6	5.40	37.62	9665.0	537.55
McLoughlin, John E., Bonnie Brae Farm, Clinton, N. Y.								
Bonnie Brae Actress 273849	E	135	Mar	1105.0	5.60	61.88	5892.1	298.19
Bonnie Brae Fawn 273850	F	365	Mar	657.4	6.05	39.77	10397.8	568.3

Bonnie Brae Pansy 275148	D	57	Feb-Mar	2581.6	4.29	110.69		
s. King's Advocator 126310 A. R.	d. Brooklandwood Best Love 137962 A. R. 17697							
Bonnie Brae Sunmaid 273847	E	108	Mar	952.0	5.48	52.17	3656.9	189.33
*Cora's Royal Fancy of Bonnie Brae 199426	A	235	Mar	794.3	6.16	48.93	7148.5	413.05
*Estella Ultra Lassie of Suburban Farm 93933	A	362	Mar	777.0	5.72	44.44	13772.5	679.72
Red Rose of Bonnie Brae 263011	F	346	Mar	520.1	7.03	36.56	8385.9	499.02
Ward Acres Nora 272754	G	336	Mar	838.6	6.73	56.44	10400.5	562.28
Melius, L. L., Reverie Farms, Warren, Conn.								
†Dorna Lenfestey 217593	A	230	Mar	464.9	4.39	20.41	5633.7	258.18
†Meadowland Tressa 199139	A	275	Mar	357.5	5.83	20.84	5145.8	260.39
Reverie's Ace 239111	D	336	Jan-Mar	582.5	5.76	33.55	6287.7	331.84
Merrill, S. M., Argilla Farm, Ipswich, Mass.								
Argilla Clarinet 261727	E	269	Mar	850.4	5.56	47.28	8222.9	431.32
Argilla Dolly Cinders 273164	E	99	Mar	961.4	4.76	45.76	3439.5	156.55
*Argilla Dolly Lee 263435	E	81	Mar	1310.6	4.49	58.85	3788.0	164.89
Argilla Forenoon 292471	G	183	Mar	737.8	5.99	44.19	5094.7	271.72
Argilla Formosa 303088	G	69	Mar	1292.2	4.61	59.57	2904.3	126.80
Argilla Fortune 303089	G	87	Mar	1236.8	4.64	57.39	3463.6	155.57
*Argilla May Lena 251189	B	47	Feb-Mar	1964.4	5.98	117.47		
s. Westview May King 99561 A. R.	d. Upland's Eleanor 104827 A. R. 13912							
Argilla Starling 251192	E	365	Mar	200.1	6.39	12.79	11103.5	649.3
*Brookfield Wyoming 180451	A	365	Mar	471.4	5.55	26.16	11576.3	629.1
*Palotterie of High Rock 187483	A	60	Mar	1964.7	5.04	99.02	3666.1	187.83
Merryman, Louis McL., "Gerar Guernseys," Sparks, Md.								
Kemah Elizabeth 287640	G	364	Mar	444.1	5.68	25.22	8226.0	442.17
Michigan State College, East Lansing, Mich.								
Scottland Farms Patricia 315276	E	85	Mar	1452.3	4.47	64.92	4077.6	165.52
Millay Brothers, Richmond, Maine.								
Cavalier's Nelia of Millay Homestead 237362	C	176	Mar	842.6	6.74	56.79	5113.8	297.36
Medium's Delight of M. H. 258854	E	242	Mar	612.2	6.11	37.41	6530.3	365.82
Princess Delight of Millay Homestead 184609	A	60	Feb-Mar	2172.2	5.78	125.61		
s. Prince of Millay's Homestead 59160 A. R.	d. Mabel's Princess of Millay Homestead 128947							
Raven's Pearl of M. H. 258852	E	274	Mar	717.1	6.07	43.53	7668.6	403.59
Ruth's Princess of Millay's Homestead 250917	E	345	Mar	661.8	6.71	44.41	10320.0	580.79
Miller, Amos C. & Kuns, Harry C., Caswell Farm, Castalia, Ohio.								
†Caswell's Pearl 275455	E	55	Feb-Mar	1614.7	4.84	78.21		
s. Starlight's King Royal of Marilea 141859	d. Queen's Countess of Roselawn 198045							
†Caswell's Rosebud 299736	G	26	Mar	697.1	4.45	31.02		
s. Starlight's King Royal of Marilea 141859	d. Lad's Daisy of Menz Farm 244705 A. R. 26664							
†Daisy of Menz Farm 275381	E	109	Mar	1010.0	4.75	47.98	3573.4	173.76
†Pearl of The Stoops Farms 162221	A	35	Feb-Mar	1151.5	5.10	58.73		
s. Hayes of Rising Sun 76398	d. Lucinda's Bess of Pleasant View 127440							
Miller, Amos C. & Kuns, Harry C. & Sons, Caswell Farm, Castalia, Ohio.								
†Abbey Bland of Phillips Farm 213876	A	103	Mar	1038.4	3.76	39.04	3670.0	132.75
†Caswell's Abbey 299735	G	53	Feb-Mar	1615.4	4.23	68.32		
s. Starlight's King Royal of Marilea 141859	d. Abbey Bland of Phillips Farm 213876							
†Caswell's Babette 268969	E	111	Mar	1066.9	3.97	42.36	4005.7	159.24
Caswell's Jewel 274158	E	114	Feb-Mar	1532.2	5.14	78.76	4193.1	205.69
†Caswell's Josephine 268968	E	173	Mar	650.3	5.65	36.74	4669.4	251.34
†Dot of Phillips Farm 278993	E	37	Feb-Mar	1435.3	4.02	57.70		
s. Ted of East View Farm 107600 A. R.	d. Addie Jeannette of Phillips Farm 224824							
Wagner's Flossie 299741	G	150	Mar	807.0	4.70	37.93	4026.6	188.45
Miller, John A., Meadowbrook Farm, Nazareth, Pa.								
Meadow Brook Top Notch 288730	G	232	Mar	1010.3	4.23	42.74	8081.1	362.88
Miller, Joseph Walter, Springfield Farm, Princeton, N. J.								
Springfield Lilla 268285	F	122	Mar	1071.1	4.48	47.99	4561.4	213.47
Miller, Minnie W., Thousand Springs Farm, Wendell, Idaho.								
Betty Ann of Thousand Springs 271161	G	349	Feb-Mar	1895.7	4.46	84.59	11693.8	460.20
Diana of Thousand Springs 285059	G	227	Mar	899.3	5.09	45.77	6819.3	310.80
Imp. Grand IV. of Lilyvale 287252	E	333	Mar	755.1	5.30	40.02	9898.3	463.02
Trona of Thousand Springs 274355	G	254	Mar	873.0	4.93	43.04	7631.4	334.69
Waneta of Thousand Springs 296577	G	56	Feb-Mar	1786.2	4.28	76.46		
s. Masterpiece's Ultra King of Edgemoor 69741 A. R.	d. Imp. Weymouth's Flora 105536 A. R. 15522							
Minnesota, University of, University Farm, Saint Paul, Minn.								
Minnehaha Earl's Beauty 283579	F	147	Mar	932.7	5.23	48.78	4747.7	221.92
Minnehaha Earl's Dimple 283577	F	37	Feb-Mar	1233.7	5.69	70.20		
s. Radisson's Earl 100680	d. Minnehaha Grenadier Dimple 208015							
*Minnehaha Leader's Lela 210073	B	365	Mar	159.7	7.87	12.57	8663.2	575.6
Mississippi State College, State College, Miss. *2 day tests.*								
Don's Glee 277656	G	190	Mar	734.9	5.17	37.99	4642.0	221.95
Gayoso Shebholla Beauty 294294	G	292	Mar	694.9	5.84	40.58	7587.5	392.55
Woodbine's King's Myrtle 266191	E	50	Mar	1312.2	4.19	54.98	2142.3	90.76
Montgomery, W. E., Cimmaron Farms, Montour, Iowa.								
*†Andrew's Golden Fawn 221546	A	122	Mar	1046.9	4.39	45.96	4971.6	224.53
Bell's Beauty of Ames 279416	F	65	Mar	898.9	5.18	46.56	1935.8	100.16
Cimmaron's Star of Ardyce 268951	E	72	Mar	948.3	4.90	46.47	2281.2	101.26
Morse, Darwin S., "Green Meads," Richmond, Mass.								
Coventry Theda Bara 161821	A	56	Feb-Mar	2572.0	4.17	107.17		
s. Rockingham Holliston 84230	d. Langwater Vampire 99259 A. R. 12467							

Green Meads Janet 349030	G	108	Mar	1003.9	4.58	45.98	3483.2	160.20
Green Meads Theda 349028	E	56	Feb-Mar	2519.0	4.57	115.00		
s. Imp. Coventry Amelia's Souvenir 126821			d. Coventry Theda Bara 161821					
Mountain Park Institute, Mountain Park, N. C.								
*Beechford's Beatrice 191200	A	172	Mar	546.0	5.50	30.03	4217.5	233.51
Laurel Hill's Lady 307786	G	300	Mar	349.8	5.72	20.01	5365.0	305.12
Mudgett, Vernon D., Deershorn Farm, Sterling Junction, Mass.								
Deershorn's Alice 269259	A	47	Feb-Mar	2075.7	5.45	113.14		
s. Royal's Legislator 89309 A. R.			d. Deershorn's Lighting 168687					
Deershorn's Charity 322128	E	184	Mar	1072.8	4.79	51.39	7308.1	328.24
Deershorn's Hope 288958	C	207	Mar	895.7	5.27	47.20	7347.9	349.50
Deershorn Silver Godey 349411	G	149	Mar	898.7	5.29	47.54	4582.5	226.19
Deershorn's Perfection 295860	C	96	Dec-Mar	3819.8	5.88	224.48		
s. Royal's Legislator 89309 A. R.			d. The Fashion's Perfection of Medfield 191395					
Deershorn's Silver Faithless 354823	G	56	Feb-Mar	1828.5	5.07	92.71		
s. Lynbrook Silver Cloud 153439			d. Deershorn's Faith 257626					
Munn, Wayne A., Janesville, Wis.								
†Sailor Boy's Tom Girl 198167	A	87	Jan-Mar	2722.9	6.00	163.38		
s. Sailor Boy May King 43383 A. R.			d. Mentor's Tomboy 91768					
†Valentine's Golden Lassie 331147	D	39	Feb-Mar	1076.4	3.65	39.29		
s. Imp. Cherry's Honour 71088 A. R.			d. Golden Sailor Girl 128388 A. R. 20459					
†Valentine's Honour's Lass 299966	G	31	Mar	672.4	4.10	27.57		
s. Imp. Cherry's Honour 71088 A. R.			d. Flower of Helendale 90920 A. R. 17829					
†Valentine's Mattie 352253	G	87	Jan-Mar	2710.6	5.50	149.08		
s. Islander's May Boy 98024			d. Sailor Boy's Tom Girl 198167					
New Mexico College of Agriculture & Mechanic Arts, State College, N. Mex.								
N. M. A. C. Fanny Absolute 314171	G	81	Jan-Mar	2707.5	4.70	127.38		
s. Liberty's Absolute 127687 A. R.			d. Fascination of Amarillo 213474 A. R. 23620					
N. M. A. C. Louise Absolute 261608	F	365	Feb-Mar	1225.3	5.95	72.96	12084.7	585.0
N. M. A. C. Princess Rose 232593	C	365	Feb	11.2	6.82	.76	11152.1	505.1
N. M. A. C. Rose Absolute 314172	G	33	Feb-Mar	1450.1	4.64	67.28		
s. Liberty's Absolute 127687 A. R.			d. Rose Prevosts of Amarillo 163471 A. R. 23023					
Norman, P. H., Normack Farm, Greensboro, N. C.								
Harvester's Allene Rosalie 173305	A	365	Mar	657.8	5.54	36.44	12191.7	590.4
North Carolina State College of Agriculture, Raleigh, N. C.								
*Cherry Bell of Hygeia Farm 3d 207013	A	73	Mar	1482.0	4.50	66.69	3552.0	162.69
N. C. State Bell 307855	G	49	Mar	904.9	4.78	43.25	1355.4	64.29
Oklahoma Agricultural & Mechanical College, Stillwater, Okla.								
Dimple Dot of Woodland Ranch 299997	G	179	Mar	750.5	4.73	35.50	4654.7	214.26
Inez of Primrose 273073	F	194	Mar	732.5	4.47	32.74	5215.8	232.03
Janet of Primrose 277775	G	298	Mar	942.8	5.16	48.65	10456.6	470.89
Oregon Agricultural College, Corvallis, Oregon.								
†Oregon Diamond's Elysium 219579	A	47	Jan-Feb	1518.1	5.19	78.75		
s. Nella Girl's Diamond of Pencoyd 51592 A. R.			d. Katonahess Clara 103733 A. R. 13499					
†Oregon Royal Clarissa 270246	E	72	Jan-Mar	1964.1	4.31	84.57		
s. Rogueland's Majestic Royal 142145			d. Oregon Diamond's Dainty 215090					
Osborne, Florence, Osborne Farms, Canton, N. C.								
Belinda Haywood 297396	G	234	Mar	974.4	5.39	52.52	8117.2	389.87
Haywood Heritage 281596	F	320	Mar	560.7	5.53	31.01	9905.5	456.43
Haywood Xenia 186411	A	365	Mar	377.1	5.76	21.72	10981.7	518.7
Patrice of Haywood 271868	A	365	Mar	631.6	5.98	37.77	12956.6	690.4
Osborne, H. Arthur, Osborne Farms, Canton, N. C.								
Senorita of Garden Creek 256062	D	154	Mar	981.0	5.27	51.70	5467.5	267.58
Osborne, M. Louisa, Osborne Farms, Canton, N. C.								
Kinnie Cable of Garden Creek 168589	A	166	Mar	1032.5	5.12	52.86	6913.9	327.71
Ox Bow Farm, Alpena, Mich.								
†August of Ox Bow Farm 294543	G	197	Mar	730.7	5.01	36.61	4804.4	215.60
Cliffs Leaf of Ox Bow Farm 284471	G	149	Mar	655.5	5.20	34.09	3277.1	147.43
†Elm Bay of Ox Bow Farm 245744	C	91	Mar	1022.6	4.50	46.02	2960.9	127.92
Fletcher's June of Four Mile 93957	A	201	Mar	1244.7	3.87	48.17	9788.2	379.14
†Golden June of Ox Bow 243750	C	120	Mar	965.5	4.13	39.88	4232.7	162.76
†Jane of Ox Bow Farm 221374	A	25	Mar	739.9	4.45	32.93		
s. Meadow-Gold Morgan 86582			d. Beauty of 4 Mile 63175					
†Meadow Queen of Ox Bow 262060	D	114	Mar	1050.0	5.30	55.65	4210.5	185.35
Pine Cliffs of Ox Bow 264205	E	149	Mar	629.3	5.71	35.93	3108.4	162.60
†Violet of Ox Bow Farm 304020	G	70	Mar	494.0	5.15	25.44	1097.0	57.10
Page, L. A., "Minnewashta Maples," Excelsior, Minn.								
Minnewashta Daisy 278305	G	365	Mar	204.2	5.09	10.39	10570.5	549.5
Topsy of F. M. 285398	F	109	Mar	846.2	5.50	46.54	3327.6	157.69
Page, L. A. & Sons, "Minnewashta Maples," Excelsior, Minn.								
Cissey's Maid of Minnewashta 265830	F	365	Mar	274.4	5.03	13.80	7333.4	363.3
Minnewashta Grace 284876	F	104	Mar	828.7	5.72	47.40	2915.8	165.29
*Minnewashta Jewel 284875	A	120	Mar	1358.6	4.59	62.36	5674.4	258.52
Minnewashta May Day 249903	C	127	Mar	738.4	4.75	35.07	3284.1	149.99
Minnewashta Princess 235964	D	365	Jan	336.9	5.99	20.18	10116.2	495.6
Page, Rosewell, Jr., "Oakland," Beaverdam, Va.								
†Actor's Queen of Oakland 294112	F	30	Mar	723.2	4.34	31.39		
s. Foremost's Actor 107692			d. Goodstone Spurs 185028					

Pelouze, William Nelson, "Alta Vista," Lake Geneva, Wis.								
*Flintarrow Thankful 222536	B	244	Mar	881.0	5.63	49.60	8298.5	444.55
*Ma Chere Midday 110033	A	25	Mar	1132.2	4.67	52.87		
s. Jardiniere's Masher 20957 A. R.	d. May King's September Midday 48875 A. R. 5393							
Pearl's Secret 2d 281862	F	58	Mar	979.4	5.60	54.85	1813.6	94.98
*Ultra Jublina of Alta Vista 191751	A	265	Mar	724.6	6.00	43.48	7459.8	417.95
Phillips, T. Redfield, Phillips Farm, Montpelier, Vt.								
*Helen of Phillips Farm 119150	A	330	Mar	688.3	5.28	36.34	12893.8	631.13
Phillips Elsie Girl 284865	F	138	Mar	1053.1	4.31	45.39	5119.0	214.33
Phillips Mary Anne 284864	F	213	Mar	908.2	4.83	43.87	7086.8	331.86
Phillips Primate's Helen 284866	G	200	Mar	749.6	5.27	39.50	5541.4	268.16
Pierce, A. J., Edgerton Farm, Bennington, N. H.								
Edgerton's Sailor Beauty 240114	C	136	Mar	780.9	4.74	37.01	3909.6	189.18
Edgerton's Sailor Gree 240116	E	362	Mar	234.2	5.32	12.46	9396.0	446.1
Edgerton's Warrior's Dimple 217764	B	254	Mar	615.9	5.05	31.10	6431.9	301.96
Pritzl, Charles J., Prestdale Farm, New Plymouth, Idaho.								
*†Count's Ruby of Prestdale 265278	A	161	Mar	949.7	5.55	52.71	5404.5	300.38
*†Florence of Prestdale 321571	E	122	Mar	793.6	4.56	36.19	3406.5	158.31
*†Templar's Queen of Prestdale 320000	D	146	Mar	1049.3	4.92	51.63	5608.9	285.02
Pritzl, Joe, Prestdale Farm, New Plymouth, Idaho.								
†Templar's Amelia 303013	G	87	Mar	882.0	4.40	38.81	2484.2	113.75
Raskob, Helena S., Pioneer Point Farm, Centerville, Md.								
*†Annabel of Pioneer Point 233685	B	91	Mar	1111.3	5.37	59.68	3700.3	183.24
Ding Dong of Pioneer Point 260528	E	275	Mar	708.1	5.53	39.16	7984.9	394.67
Dividend of Pioneer Point 274442	G	275	Mar	574.6	6.82	39.19	5974.0	349.77
†Louisiana of Pioneer Point 260531	E	109	Mar	905.8	5.13	46.47	3612.2	177.36
Maggie's Snowdrop 291368	G	60	Feb-Mar	2794.5	4.16	116.31		
s. Atamannsit Milkman 124086	d. Maggie of Gunner's Harbor 215916							
Milky Whey of Pioneer Point 274440	G	275	Mar	586.5	6.26	36.71	6190.4	333.76
†Pearl of Bloomfield 260530	E	135	Mar	955.3	5.78	55.22	4899.3	255.21
Raub, Raymond L., Rajes Farms, Phillipsburg, N. J.								
La Chene's Lady of the Land 137298	A	347	Mar	425.8	5.42	23.08	7977.9	376.43
Lady Princess Belle of Rajes Farm 194477	A	361	Mar	615.2	5.49	33.77	7999.9	421.52
Redwing's Lela 264917	E	253	Mar	576.7	4.56	26.30	4902.8	229.55
Rawlings, F. B., Meadow Vista Farm, Sandersville, Ga.								
Golden Secret's Lady of Fern Crest 208052	A	293	Mar	372.1	6.23	23.18	7633.0	380.24
Redoubtable's Nancy of Fern Crest 234691	C	295	Mar	838.1	5.92	49.62	9560.3	487.95
Rea, Henry R., Mrs., Farmhill Dairy, Sewickley, Pa.								
Daffodil of Farmhill 291985	G	231	Mar	929.8	4.52	42.03	7576.2	337.04
*Raider's Wild-Rose of Farmhill 200662	A	72	Jan-Mar	3621.1	4.56	165.04		
s. Rosetta's May King of Waddington 92343	d. Betty of Farmhill 2d 160013 A. R. 19041							
Reith, W. O., Reith Dairy Farm, Astoria, Oregon.								
Cream Cup Lady of Willow-wood 294811	F	72	Mar	1118.4	5.00	55.92	2588.1	127.94
Hattie of Willow-wood 296952	G	103	Mar	1114.7	4.81	53.62	3671.5	169.49
Josemay's Ada of Willow-wood 213519	A	106	Mar	974.6	4.89	47.66	3706.6	170.69
Lily's Dairymaid of Willow-wood 138844	A	67	Mar	1711.2	3.83	65.54	3630.9	142.52
Star's Amy of Willow-wood 299761	G	55	Feb-Mar	1721.6	5.21	89.69		
s. Chicona Vernon 137829	d. Eastern Star of Willow-wood 211690							
Rice, F. B., Fox Run Farm, Peterboro, N. H.								
Fox Run Lady May 289667	F	79	Mar	1206.7	4.85	58.52	2993.6	137.91
Fox Run Quality 250775	D	156	Mar	793.1	5.30	42.03	4072.8	209.02
*Hilltop Butterfat's Florette 199647	A	43	Feb-Mar	1896.2	4.83	91.63		
s. Imp. Primrose's Butterfat 104967 A. R.	d. Hilltop Florette 123970 A. R. 17148							
Richards, Dorothy, Tamworth Farm, North Blue Hill, Maine.								
Tamworth Duchess 343677	G	166	Mar	825.1	4.93	40.68	4821.1	220.59
Tamworth Kate 272748	E	91	Mar	1257.6	5.42	68.16	3953.0	203.40
Upland's Vivian 162236	A	168	Mar	962.6	6.29	60.55	5798.8	315.39
Riddle, John Wallace, Mrs., Hill Stead Farm, Farmington, Conn.								
Old Farms Blessing 329369	G	152	Mar	881.5	5.77	50.86	4805.0	256.00
Old Farms Faith 329354	E	152	Mar	937.1	5.96	55.85	5233.0	284.05
Riford, L. S. & Staples, T. M., Greystone Farm, Auburn, N. Y.								
Dolly Raider of Maplewood 261863	E	305	Mar	617.9	5.38	33.24	8082.3	385.64
Greystone Betsy May 256804	E	352	Mar	632.1	5.88	37.17	9581.5	495.42
Greystone Juliet 202977	A	365	Mar	355.7	6.14	21.84	8637.5	436.1
Greystone May Queen 271345	E	151	Mar	880.3	5.50	48.42	4754.6	247.32
Greystone Polly 299878	G	137	Mar	725.2	5.11	37.06	3696.3	176.64
Greystone's Itchen Rose 162369	A	278	Mar	726.1	5.13	37.25	7822.9	358.35
Jane Bellaire of Stafford 250198	E	365	Mar	193.2	5.01	9.68	9154.9	409.7
Lizzie Hill of Maplewood 224340	B	303	Mar	1011.7	5.26	53.22	11122.8	525.06
Roddey, J. B., Roddey Guernsey Farm, Columbia, S. C.								
Amelia Rilma 245014	C	145	Feb	930.9	5.38	50.08	5540.0	301.06
Appin's Rosebud 234402	B	207	Feb	716.4	5.85	41.91	6704.7	349.66
Cassie of Edisto Farms 251098	E	365	Feb	681.9	5.01	34.16	11770.4	565.7
Hero's Prospect Roslyn 249486	E	365	Feb	225.1	5.80	13.06	10910.2	554.2
Holliston's Dairymaid 343618	G	197	Feb	766.4	4.18	32.04	5926.5	265.18
May Daisy of Orangeburg 253995	E	155	Feb	875.8	4.68	40.99	5302.8	249.83
Mota's Boy's Rose 230936	C	182	Feb	757.6	4.72	35.76	5785.1	287.75
*Rilma of Eau Claire 205117	A	362	Jan	438.3	5.53	24.24	12071.8	581.38

Russell, James E., Glenburnie Farm, Trenton, N. J.								
Glenburnie Ina 296037	G	164	Mar	901.0	4.90	44.15	5375.4	254.96
Glenburnie Irene 278661	G	202	Mar	824.5	5.50	45.35	5431.0	283.04
Glenburnie Iris 280521	F	56	Feb-Mar	1852.2	4.58	84.87		
s. Imp. Dunwalk Lad 113342 A. R.	d. Glenburnie Dawn 175873 A. R. 23493							
Millside Deux Belle 297902	C	76	Mar	962.6	4.52	43.51	2642.4	112.38
West Newark Belle Maid 300297	G	187	Mar	717.9	5.33	38.26	5612.5	288.77
Ryder, Grace G., "Alcluyd," Berwyn, Pa.								
Bluebelle's Heatherbelle 307738	G	116	Mar	776.9	4.77	37.06	3006.7	134.13
*Ivy's Molly of Alcluyd 295866	C	70	Mar	1115.3	4.37	48.74	2505.2	113.10
Ivy's Noontime of Alcluyd 316323	E	60	Mar	868.5	4.91	42.64	1647.6	82.37
Rosabelle of Alcluyd 316322	E	65	Mar	1108.4	4.27	47.33	2546.3	104.42
Sabine, Stephen W., Westfield Farm, Groton, Mass.								
Helderberg Beatrice 288013	B	205	Feb-Mar	1673.5	5.91	98.92	7092.1	380.16
Janet of Westfield Farm 148235	A	365	Mar	298.9	5.08	15.18	13119.6	639.3
Starlight of Westfield Farm 195387	A	76	Jan-Mar	3182.8	4.73	150.55		
s. Flora's Don Iago of Westfield Farm 81417	d. Fisher's Itilia of Westfield Farm 132457							
Westfield Minnehaha 304002	G	109	Mar	1163.8	4.15	48.30	4003.7	147.61
Westfield Spotlight 290864	F	85	Mar	1223.6	4.16	50.90	3370.8	131.56
Saltonstall, Richard, Charlescote Farm, Sherborn, Mass.								
Lauderdale Betty 233539	B	149	Mar	840.1	5.37	45.11	4502.6	234.31
U. S. Zenobia of Fellowship 315078	G	183	Mar	787.4	5.22	41.10	5268.0	260.29
Sands, Daniel C., Benton Farms, Middleburg, Va.								
Benton's Alice 3d 273176	E	100	Mar	1022.6	5.60	57.27	3443.9	190.10
Benton's Blanche 294753	G	155	Mar	994.4	5.53	54.99	5369.8	272.55
Benton's Pauline 263867	D	58	Feb-Mar	2484.2	4.82	119.63		
s. Langwater Dairyman 87893 A. R.	d. Imp. Pandora of Atamannsit 137119 A. R. 16527							
Benton's Peggy 300075	G	99	Mar	1013.9	4.75	48.16	3232.1	148.39
Schwab, Charles M., Mrs., "Immergrun," Loretto, Pa.								
*Immergrun Ashburton Girl 133078	A	365	Feb	74.2	5.88	4.36	11909.7	588.2
*Ranger's Mildred of Gayoso 217325	A	336	Mar	746.2	6.91	51.56	11130.4	624.65
Scocozza, Daniel, Ashland, N. Y.								
Aristocrat's Gertrude 269957	F	354	Feb	239.3	5.33	12.75	10922.1	574.9
*Ultra Lady of Hon Terra 249450	C	60	Feb-Mar	2909.7	4.75	138.07		
s. Princess' May Royal 117240 A. R.	d. Ultra Lady Fern of Sepascot 155925 A. R. 20570							
Scott, Conoway, "Elmhurst," Scott, Ark.								
Baron's Laura of Fairview 182811	A	365	Jan	10.8	4.68	.51	10592.8	454.5
Elmhurst Meteor's Bessie 239092	D	305	Jan-Mar	1772.9	5.22	92.52	8265.7	393.34
*†Elmhurst Meteor's Mary 269238	D	68	Jan-Mar	3245.2	4.51	146.23		
s. Gayoso Meteor 92426	d. Cecil's Mary of Fairview 174855 A. R. 24053							
†Gusta of Shadyside 161201	A	305	Mar	256.2	5.49	14.07	7450.0	355.0
Scoville, Robert & Herbert, Grassland Farms, Taconic, Conn.								
Grassland Anaquel 257199	E	248	Feb-Mar	2052.8	4.47	91.74	9209.6	425.87
*†Grassland Coline 208438	A	83	Jan-Mar	4265.2	4.33	184.78		
s. Imp. Valentine's Honorable Sequel 51895 A. R.	d. Grassland Letty 169690 A. R. 19941							
†Grassland Eldine 216761	B	305	Feb	348.5	5.14	17.91	10729.4	505.8
Grassland Evaquel 272069	F	213	Feb-Mar	1926.4	4.45	85.71	7140.3	316.94
*Grassland Geraldine 230768	C	234	Feb-Mar	1837.6	4.63	85.17	8867.6	405.71
*Grassland Gloria 208437	A	6	Feb	367.2	5.37	19.72		
s. Imp. Honoria's Sequel II. 40668 A. R.	d. Grassland Elinor 102327 A. R. 12431							
*†Grassland Hortine 230770	C	258	Feb-Mar	1550.2	4.74	73.54	9634.7	428.57
*†Grassland Idoria 208678	A	131	Feb-Mar	2500.6	4.96	124.12	5949.1	285.99
†Grassland Jemaquel 284444	F	70	Jan-Mar	2332.8	4.96	115.72		
s. Grassland Sequel Masher 86522	d. Grassland Simplicity 190600							
*Grassland Jemmadine 230773	C	171	Feb-Mar	3154.8	4.47	141.01	9312.7	418.08
Grassland Lanaquel 289169	G	114	Feb-Mar	2260.0	4.56	103.12	4221.0	192.38
†Grassland Opaline 250878	D	53	Feb-Mar	2501.9	4.27	106.76		
s. Imp. Valentine's Honorable Sequel 51895 A. R.	d. Grassland Jenoria 210078 A. R. 28129							
*Grassland Quadrine 257198	D	89	Jan-Mar	5033.5	4.20	211.47		
s. Imp. Valentine's Honorable Sequel 51895 A. R.	d. Grassland Polly 121397 A. R. 15508							
†Grassland Undine 263674	D	32	Feb-Mar	1570.6	4.21	66.06		
s. Imp. Valentine's Honorable Sequel 51895 A. R.	d. Marva's Marvina 61088 A. R. 7705							
†Grassland Valella 280219	F	111	Feb-Mar	2230.0	4.23	94.37	4313.1	182.52
*†Grassland Valid 241739	C	73	Jan-Mar	3906.4	4.17	162.75		
s. Grassland Polly's Valentine 98473	d. Grassland Honoria Alta 150047 A. R. 19775							
†Grassland Valois 280218	F	136	Feb-Mar	2550.1	4.26	108.66	6078.1	254.68
Grassland Youline 280221	F	148	Feb-Mar	2320.8	5.03	116.70	5803.6	272.11
*Grassland Zenoria 185315	A	135	Jan-Feb	3364.2	5.55	186.66	9854.9	413.23
Scoville, Robert & Herbert, Lea Farm, Salisbury, Conn.								
†Grassland Elnoria 185313	A	262	Feb	460.8	4.99	22.99	7865.5	370.06
†Grassland Flonozia 150045	A	265	Feb	347.0	4.97	17.25	7898.1	371.62
Sears, Clara Endicott, The Pergolas Farm, Harvard, Mass.								
Nashua Daisy 85051	A	365	Mar	495.8	5.94	29.45	12494.9	610.6
Nashua Fancy Lass 296743	G	197	Mar	526.9	5.65	29.77	4424.3	228.48
Nashua Jubilee 220866	C	365	Mar	532.7	6.57	35.00	11440.0	628.4
Nashua Moonlight 243426	E	336	Mar	496.4	6.93	34.40	7489.0	453.03
Nashua Sunburst 220865	C	352	Mar	592.7	6.15	36.45	10560.6	579.48
Nashua Surprise 233551	C	244	Mar	695.3	5.68	39.49	6956.4	368.74
Sedgefield, Inc., Sedgefield Farm, Greensboro, N. C.								
Morven's Singer 312649	G	183	Mar	568.4	5.86	33.31	3810.3	208.97
Sedgefield's Christine 338032	G	349	Mar	528.9	6.55	34.64	8456.5	479.39

Seymour Brothers, Grenfel Farm, West Allis, Wis.								
Grenfel Coral 287272	G	298	Mar	769.7	4.44	34.17	8427.2	355.88
Grenfel Royal Dame 287271	G	295	Mar	632.9	4.59	29.05	7451.4	335.39
Grenfel Virginia 298705	C	365	Feb-Mar	748.4	7.42	55.53	9471.0	537.7
Sharpe, E. P., Elm Grove Farm, Greensboro, N. C.								
Bessie Bloom 105414	A	300	Mar	376.6	6.80	25.61	5981.9	315.71
Harvester and Dolly's Princess 191118	A	257	Mar	542.8	5.52	29.96	5879.1	278.28
Princess Flora 256384	E	328	Mar	574.5	5.51	31.65	8016.3	381.05
Sheldon, Harry E., Hesheldon Farms, Valencia, Pa.								
Challenger's Anna 290386	G	259	Mar	689.7	6.87	47.38	7234.2	378.02
Edinham's Linnette 257524	D	230	Mar	1029.6	4.58	47.16	9055.9	380.04
Gay Beauty 290384	G	277	Mar	684.6	7.37	50.46	7372.1	442.39
Jane Tully 262565	F	365	Mar	689.0	7.21	49.68	12325.9	695.5
Royal Marie 284932	G	325	Mar	698.9	6.15	42.98	8816.3	462.13
Shepherd, R. E., Jerome, Idaho.								
Idaho Beauty 192011	A	365	Mar	445.3	5.07	22.58	9789.8	476.9
Sheridan, B. F., Est., "Luxerin," Fond du Lac, Wis.								
Luxerin Honesty 257455	D	160	Mar	1070.0	4.68	50.08	6018.0	283.42
Luxerin Innocence 270118	E	65	Jan-Mar	2700.6	4.32	116.72		
s. Steadfast of Flying Hill 124825	d. Luxerin Anabelle 123870 A. R. 15862							
Luxerin Irene 258618	D	51	Feb-Mar	2346.2	3.73	87.51		
s. Steadfast of Flying Hill 124825	d. Luxerin Furnessia 211944							
Luxerin Juanita 300065	G	169	Mar	747.9	5.20	38.89	4558.4	236.97
Sheridan, Clarence E., "Luxerin," Fond du Lac, Wis.								
Antonette of Moquah 241109	B	53	Feb-Mar	2316.6	5.22	120.93		
s. Chequamegon's Raider 66340	d. Ethelyn 96724 A. R. 14295							
Shoemaker, S. M., "Burnside," Eccleston, Md.								
Cherub's Grace 256331	D	152	Mar	884.0	5.56	49.15	5389.0	262.94
*Gracieuse Barbi 203645	A	365	Mar	468.5	6.89	32.28	12930.2	752.6
Merry May Barbi 223334	A	172	Mar	973.6	5.81	56.57	6140.8	336.96
*Merry Rose Galaxy 209744	A	170	Mar	944.0	5.61	52.96	5594.8	298.92
Procris Galaxy Girl 199320	A	357	Mar	934.8	5.85	54.69	13776.5	707.12
*Rose King's Hardwick 219672	A	55	Feb-Mar	3065.1	4.26	130.44		
s. Rose Maid's King of the May 101340 A. R.			d. Procris Hardwick 135522					
*Senatora Mildred 172600	A	172	Mar	961.2	5.34	51.33	6295.1	290.58
*Snowdrop's Topsy 274260	E	120	Mar	1305.7	4.67	60.98	5587.4	240.82
Skaar, M. S. & C. A., Cor-Alfa Farm, Hayward, Minn.								
*†Bonny of Cor-Alfa Farm 75434	A	87	Mar	873.1	4.61	40.25	2550.2	121.41
†Cherry of Cor-Alfa Farm 281951	F	135	Mar	815.5	4.90	39.96	3837.7	186.66
†Dawn of Cor-Alfa Farm 279838	E	115	Mar	773.2	5.30	40.98	3139.4	161.77
*Duplicate's Pride of Cor-Alfa Farm 199343	A	183	Mar	863.8	5.85	50.53	6047.8	335.91
*Evangeline of Cor-Alfa Farm 198306	A	165	Mar	972.7	5.10	49.61	5704.5	290.95
*Lady's Sweetheart of Cor-Alfa Farm 199342	A	196	Mar	818.3	6.00	49.10	6421.0	354.42
Smith, A. Macrae, Fircrest Farm, Lynden, Wash.								
Fircrest French Beauty 272293	D	120	Feb-Mar	2364.6	6.63	156.74	5108.9	311.56
Fircrest La France's Hope 250298	D	130	Mar	1164.7	6.75	78.62	5133.2	310.07
Fircrest La France's Primrose 239389	C	166	Mar	1026.0	6.69	68.64	6751.3	369.29
Steele, H. F., Idagem Guernsey Farm, Gooding, Idaho.								
Idagem Honour's Chiqueta 343891	G	230	Mar	677.1	4.84	32.77	5760.7	279.28
Idagem Honour's Cressy 286640	G	296	Mar	639.0	4.98	31.82	7718.0	345.25
Idagem Honour's Primrose 286639	F	87	Mar	792.0	6.12	48.47	2364.0	137.06
Idagem Honour's Princess 346837	G	169	Mar	703.9	4.85	34.14	4207.8	203.12
*Idagem May Flower's Lindy 286638	D	117	Mar	1153.7	4.09	47.19	4762.7	202.42
Stevens Brothers, Edgewood Farm, North Andover, Mass.								
Cy Allen's Charlotte 269638	F	165	Mar	894.9	4.42	39.55	5274.7	237.64
Dolly's Foremost's Esta 317782	D	51	Feb-Mar	2309.9	4.73	109.37		
s. Dolly's Foremost of High Rock 67827 A. R.			d. Laudholm Lady Babette 135006 A. R. 16306					
Elsie May of Walnut Hill 151564	A	284	Mar	882.7	4.58	40.43	10337.4	457.20
Lady Nellie of Walnut Hill 219170	A	213	Mar	775.5	5.13	39.78	7130.8	326.61
Valentine's Fazia 218903	A	365	Jan	270.0	5.78	15.61	14344.5	677.2
Stone, Carrie M., Great Hill Farm, Marion, Mass.								
*Great Hill's Marietta 234764	B	143	Mar	1182.7	4.74	56.06	6392.8	273.96
Great Hill's Prudence 280005	G	314	Mar	947.3	5.44	51.53	11986.2	557.31
Stranahan, L. & Sons, Ne Quah Farms, Peru, Ind.								
Canary of Ore Hill 232856	B	186	Mar	871.9	4.33	37.75	6099.5	279.22
Coronation's Meadow Queen 163445	A	264	Mar	776.4	5.19	40.30	8552.7	458.07
Ne-quah Donna 304223	G	83	Mar	957.5	4.19	40.12	2789.9	119.26
Ne-quah Gypsy Queen 283508	F	241	Mar	1056.4	4.13	43.63	9421.9	385.28
Strickland, Linus E., Airline Guernsey Farm, Rockfall, Conn.								
Budget's Faith 279653	F	161	Mar	865.9	6.06	52.47	5096.6	287.39
Lanandy Ludora 221193	A	132	Mar	867.6	5.69	49.37	4419.4	282.11
Lanandy Zavalla 326436	D	84	Mar	955.2	5.09	48.62	2888.0	147.00
Marlboro Maid 244474	A	131	Mar	1176.8	5.25	61.19	5392.9	271.75
Prince's Fairy May 297204	G	57	Feb-Mar	1581.2	5.32	84.06		
s. Prince Charming of Roughwood 82119	d. Fletter Moss of South Street 176602							
Teddy's Janeco 300156	G	131	Mar	755.4	5.81	43.89	3579.1	197.71
Stroud, Crawford, Richburg, S. C.								
Constance Little Star 206785	A	365	Jan	151.2	4.95	7.48	9175.6	452.7

Stroud, Wade H., Richburg, S. C.

Constance of Sunny Brook 122028	A	354	Mar	792.0	5.13	40.63	11715.2	572.36
Orine's Jane of Hamilton Echo 211227	A	305	Mar	723.7	4.78	34.59	9934.8	449.68

Studebaker, B. F. & Son, Studebaker Farm, Union, Ohio.

Clara Ruby of Studebaker Farm 285304	G	365	Mar	366.3	6.35	23.26	7149.9	383.2
*Eastlawn Surprise 221286	C	315	Mar	394.2	6.11	24.09	9948.5	476.74

Tarbell, Gage E., Tarbell Farms, Smithville Flats, N. Y.

Tarbell Farms Fair Louise 239280	B	123	Feb-Mar	1611.3	5.95	95.87	3677.6	201.84
†Tarbell Farms Fair Wanda 252533	C	67	Jan-Mar	2262.9	4.61	104.35		
s. Sue's Major of Tarbell Farms 82920 A. R.			d. Tarbell Farms Wonder 194023 A. R. 22851					
Tarbell Farms Fair Wenonah 268262	F	344	Mar	566.7	5.22	29.58	7893.9	356.61
*Tarbell Farms Miriam 204388	A	205	Mar	1055.0	5.03	53.07	7969.9	352.89
Tarbell Farms Royal Clovita 295672	G	137	Mar	897.4	5.19	46.58	4458.0	212.22
†Tarbell Farms Royal Coquette 293289	G	172	Mar	813.0	5.60	45.53	4667.7	247.77
†Tarbell Farms Royal Eloise 298126	G	60	Feb-Mar	1791.4	4.67	83.58		
s. May Royal's Holliston 130308			d. Tarbell Farms Ultra Eloise 207855 A. R. 25839					
†Tarbell Farms Royal Eulalie 293288	G	145	Mar	771.0	5.00	38.55	3844.7	179.46
†Tarbell Farms Royal Lois 298125	G	102	Mar	804.7	5.43	43.70	2815.5	138.73
†Tarbell Farms Royal Mabelle 293287	G	183	Mar	902.2	5.41	48.81	5830.2	294.55
†Tarbell Farms Royal Mignonette 284417	F	170	Jan-Mar	3274.1	4.50	147.19	6243.9	282.36
†Tarbell Farms Royal Mirabelle 289277	G	161	Mar	714.0	5.96	42.55	4213.4	229.24
†Tarbell Farms Royal Sue 275315	F	201	Mar	765.5	5.07	38.81	5347.2	250.92
*†Tarbell Farms Ultra Katherine 241387	C	49	Feb-Mar	2035.8	4.64	94.44		
s. Sregor Ultra King 85369 A. R.			d. Emma Katherine of Tarbell Farms 139228 A. R. 18856					
†Tarbell Farms Ultra Laurel 279855	F	305	Mar	376.9	6.25	23.56	7617.0	396.4
†Tarbell Farms Ultra Polly Anne 289276	G	186	Mar	885.0	5.28	46.73	5524.4	268.34
†Tarbell Farms Ultra Rosalie 271165	E	152	Mar	904.3	5.10	46.12	4525.5	222.78
†Tarbell Farms Ultra Rosalind 298127	G	70	Jan-Mar	2118.2	4.29	90.79		
s. Sregor Ultra King 85369 A. R.			d. Edgemere Rose 151025					
Tarbell Farms Ultra Sylvia 289275	G	192	Mar	587.4	6.01	35.30	4329.0	242.08
Tarbell Farms Ultra Vanity 251197	E	365	Mar	602.6	6.82	41.10	9129.0	556.7
†Tarbell Farms Ultra Verona 284418	G	263	Mar	810.0	6.53	52.89	7799.2	464.55
†Tarbell Farms Ultra Virginia 287178	G	205	Feb-Mar	1338.2	5.67	75.93	5083.9	275.13

Taylor, George B., White Swan Farms, Fairview, Pa.

Audacity's Orchid of Coverdale 214805	A	130	Mar	1075.1	5.05	54.29	4980.1	246.97
Etherston Meadowsweet 216041	A	60	Feb-Mar	2141.7	4.83	103.44		
s. Red Invader of Linda Vista 65902			d. Meadowlea's Bloom 195987 A. R. 19530					
Fairview Golden Rosebud 267911	E	139	Mar	830.4	4.54	37.70	4569.2	225.80
Fairview Royal Cherry Blossom 216774	A	147	Mar	889.8	4.77	42.44	4561.2	207.81
Fairview Searchlight's Beauty 268633	D	68	Jan-Mar	3036.0	4.60	139.76		
s. Golden Searchlight of Hill Girt Farm 79310 A. R.			d. Marlboro Beauty 107352 A. R. 21299					
Fairview Searchlight's Mary 255164	D	46	Feb-Mar	1959.7	4.46	87.43		
s. Golden Searchlight of Hill Girt Farm 79310 A. R.			d. Mary Boxwood of Beallmont 178783 A. R. 22037					
Green Meadows Lily May 169318	A	139	Mar	897.1	4.20	37.68	5319.4	230.49
Green Meadows Olive May 187704	A	39	Nov-Dec	1131.9	5.77	65.30		
s. Westbrook Itchen May King 48056 A. R.			d. Hunguets May Day 102624					

Tenney, Daniel G., Greycourt Farm, Methuen, Mass.

Rockingham Bountiful 330329	G	344	Mar	676.7	5.49	37.15	11195.4	507.39

Tenney, Daniel G., Rockingham Farm, Salem, N. H.

*Florham Lilac 205960	A	31	Mar	1726.1	5.21	89.93		
s. Majesty of Linda Vista 56286 A. R.			d. Ultra Lil 133109 A. R. 16949					
*Holliston's Golden Daisy of Rockingham 225755	A	31	Mar	1389.4	4.53	62.94		
s. Langwater Holliston 28055 A. R.			d. Itchen's Golden Daisy of Chilmark 61690 A. R. 8432					
*Rockingham Ada 302212	D	113	Mar	1274.2	4.70	59.89	5258.5	241.47
*Rockingham Brilliant 228492	A	213	Mar	1111.6	5.92	65.81	8569.9	417.68
*Rockingham Francaise 256675	A	63	Mar	1491.6	4.78	71.30	3100.2	153.66
*Rockingham Helen 268082	B	269	Mar	1058.0	4.88	51.63	10957.7	499.27
*Rockingham Honeymoon 281449	C	290	Mar	845.5	5.03	42.53	9641.0	455.94
*Rockingham Honoria 319613	E	44	Feb-Mar	1973.2	5.26	103.79		
s. Langwater Holliston 28055 A. R.			d. Imp. Choisie de la Touraine 143213 A. R. 16839					
Rockingham Hopeful 354045	F	31	Mar	1009.2	5.22	52.68		
s. Langwater Holliston 28055 A. R.			d. Imp. May Daisy's Fleurie 214454 A. R. 23878					
Rockingham Mistletoe 339775	G	223	Mar	829.0	4.45	36.89	6875.6	271.12
Rockingham Princess 341443	G	223	Mar	1021.0	5.11	52.17	8007.5	368.27
Rockingham Rosebud 348554	G	101	Mar	987.5	5.13	50.66	3442.7	159.14
Rockingham Royal Choisie 350738	G	67	Mar	985.2	4.84	47.68	2083.6	101.83
Rockingham Royal Lady 350737	F	67	Mar	1032.9	4.44	45.86	2304.1	100.39
*Rockingham Royal Violet 251019	A	142	Mar	871.3	5.25	45.74	4615.2	224.83
*Rockingham Twilight 316681	D	67	Mar	1722.4	4.42	76.13	3747.7	173.35

Thomas, Silas & Sons, Stony Ford Farm, Stony Ford, N. Y.

Antoinette of Meadowbrook 265751	E	193	Feb-Mar	1514.1	4.47	67.69	5615.0	237.78
Belladonna of Annandale 114837	A	152	Feb-Mar	1676.1	4.08	68.32	4611.8	185.83
Stony Ford King's Rosalie 298282	G	101	Dec-Mar	2635.6	4.52	119.13		
s. Sun King of Annandale 135393			d. Prince's Glencadia Rosalie 168375 A. R. 26568					
Stony Ford Progressor's Sally 298279	G	147	Feb-Mar	1450.3	4.65	67.49	3940.3	173.33

Thompson, A. A., Uniontown, Pa.

Friendship K. Daisy 265669	D	110	Mar	1140.0	3.97	45.26	4330.8	155.44
Friendship M. Princess 296236	G	67	Jan-Mar	2121.4	3.74	79.31		
s. Friendship Ultra Moon 90702			d. Friendship Princess 143948 A. R. 21639					
Friendship R. Frederika 268105	D	84	Mar	1436.5	4.24	60.91	3907.9	172.33
†Friendship R. Milady 255635	D	253	Mar	1158.1	4.70	54.43	10737.5	463.86

Thomson, Frank Graham, Brookmead Farm, Devon, Pa.

Imp. Bel Air Hope of Brookmead 281283	A	365	Mar	271.9	5.54	15.06	12006.8	614.4
Brookmead's Career 305936	G	199	Feb-Mar	1653.3	5.14	84.90	6155.3	293.39

Brookmead's Fidelity 306575	G	336	Mar	707.7	5.89	41.68	9351.8	512.83
Brookmead's Glorianna 321717	G	58	Feb-Mar	1551.3	4.49	69.66		
s. Stars and Stripes of Brookmead 163100		d. Brookmead's Gloria 223078 A. R. 27009						
*Brookmead's Patricia 223081	A	188	Mar	928.5	6.21	57.66	6992.5	401.32
Brookmead's Verity 305932	G	169	Mar	770.6	5.45	42.00	4910.3	239.46
*Imp. Fawn of Brookmead 281285	B	303	Feb-Mar	1693.6	5.61	95.01	10665.6	546.50
Imp. Lady White of Brookmead 281284	A	237	Mar	1057.7	4.65	49.18	9536.8	439.18
*Royal Hyacinth 229632	C	287	Mar	968.7	5.17	50.08	11035.7	522.49
*Imp. Surprise of Brookmead 281287	B	154	Mar	1282.4	4.05	51.94	7295.7	301.65
Thornwood Dairy Company, Ada, Mich.								
Defender's Janice of G. R. 274016	G	365	Mar	227.9	3.99	9.09	9854.4	413.1
Timmins, George H., Greenway Farm, Ware, Mass.								
Golden Lassie of Ware 262965	A	213	Mar	959.3	5.26	50.46	7299.7	352.97
Mermaid of Ware 341488	F	230	Mar	841.1	5.01	42.14	6695.3	292.93
*Royal Gipsy of Ware 244872	A	143	Mar	1318.5	5.57	73.44	6817.4	323.25
Royal Maid of Ware 266902	B	336	Mar	775.2	6.05	46.90	11700.3	595.58
Stardust of Ware 274030	B	325	Mar	1072.5	5.16	55.34	12707.9	603.33
Titus, Leonard L., Shadylawn Farm, South Hadley, Mass.								
Sweetheart of Shadylawn 301597	G	326	Feb	637.4	6.14	39.14	8896.5	445.01
Treadwell, B. H., Henderson Harbor, N. Y.								
Douglaston Eleanor Provence 264252	F	365	Mar	738.8	5.53	40.86	10021.4	524.9
Tucker, Gertrude L. C., Elgercon Farm, Willoughby, Ohio.								
Gerlee's Echo of Elgercon 285550	G	244	Mar	745.0	5.82	43.36	6392.0	338.58
Janet of Elgercon 287148	G	91	Mar	1073.1	5.03	53.98	3351.7	164.51
*Jeanette of Elgercon 214185	A	106	Mar	1357.2	5.07	68.81	5342.2	268.39
Marcheta of Elgercon 228699	C	213	Mar	1101.8	4.93	54.32	8352.3	380.00
Zelda of Elgercon 239403	D	363	Mar	831.8	5.24	43.59	11772.7	566.75
Turner & Duvall, Calder Farm, Parkton, Md.								
Calder Farm Judy 292486	G	132	Mar	1083.5	5.45	59.05	5017.9	247.36
Holliston's Frau of Calder 277721	G	365	Mar	167.1	6.01	10.04	9346.0	550.8
Ultra Lula 3d 306830	E	365	Mar	543.2	6.01	32.65	13423.6	685.7
Tuttle, Howard B., Biscoe Farm, Middlebury, Conn.								
Claymore's Maregretta 310842	C	80	Mar	1241.9	5.51	68.43	3176.2	164.37
*Eimido 227577	A	196	Mar	1074.3	6.24	67.04	7845.4	455.49
Leucadia Lenfestey 242979	A	236	Mar	750.5	5.84	43.83	7218.7	422.91
Mozinka 242972	A	259	Mar	867.3	5.80	50.30	8628.9	477.79
Tyler, C. H., Est., Steele's Hill Farm, Sanbornton, N. H.								
Steele's Hill Audrey 241983	E	365	Feb	524.3	5.00	26.22	10846.5	532.8
Steele's Hill Betty 271688	G	298	Mar	472.2	6.19	29.23	6614.9	335.39
*Steele's Hill Clementine 241464	A	97	Mar	1406.2	4.67	65.67	4698.9	224.14
Steele's Hill Cleonie 265957	F	205	Mar	706.9	5.22	36.90	5510.9	257.59
Steele's Hill Delia 272347	F	334	Mar	506.2	5.64	28.55	7602.7	358.40
Steele's Hill Evangeline 241478	C	356	Mar	310.0	6.66	20.65	8773.0	436.6
Steele's Hill Hortense 265956	F	313	Mar	865.1	5.44	47.06	8833.3	436.78
*Steele's Hill Lois 241476	C	348	Mar	815.5	5.94	48.44	12238.3	602.83
Steele's Hill Miriam 196035	A	68	Mar	1106.1	5.15	56.96	2482.6	123.45
Steele's Hill Nannette 272348	G	293	Mar	473.9	5.16	24.45	6434.9	302.71
Steele's Hill Priscilla 241459	A	335	Mar	551.7	7.07	39.01	9696.3	520.45
Steele's Hill Rose 280437	F	183	Mar	1005.0	4.65	46.73	6435.3	273.06
Steele's Hill Velma 271683	F	320	Feb-Mar	970.7	6.32	61.33	8279.4	368.56
United States Gypsum Company, Gypsum, Ohio.								
†Chestnut Ridge Princess Luella 284533	D	207	Mar	651.3	5.05	32.89	5484.2	249.79
†Polliwog Primrose 312194	G	35	Feb-Mar	787.0	4.45	35.02		
s. Nordland Ultimas 131721		d. Polliwog Premier's Primrose 306351						
†Spotted Lily of Hazel Grove Farm 243770	C	84	Mar	849.0	3.94	33.45	2381.0	86.35
van Beuren, M. M., Sunnyfields Farm, Newport, R. I.								
Sunnyfields Georgette 281342	G	339	Mar	148.8	6.00	8.93	7417.3	362.4
Verdery, W. E. & Son, Verdery Farm, Orangeburg, S. C.								
Frances of Orangeburg 257189	A	183	Mar	785.5	4.85	38.10	6221.1	279.49
Frances of Verdery Farm 318618	G	213	Mar	987.3	5.18	51.14	7905.8	378.31
Mimosa Marie 245544	A	238	Mar	973.1	5.31	51.67	8234.2	385.99
*Morven's Side Light 187651	A	313	Mar	802.6	5.68	45.59	11562.4	550.54
Morven's Sunshade 188715	A	344	Mar	807.3	4.91	39.64	10497.6	499.34
Nora's Rich Girl 97087	A	215	Mar	961.5	4.97	47.79	7731.4	337.62
Petite Tulip of Lynchburg 148152	A	152	Mar	1315.3	4.59	60.37	7229.2	332.67
Sumter Anna 232663	A	64	Jan-Mar	2523.6	4.34	109.42		
s. Ole Bull of Oakhurst 81227 A. R.		d. Sumter May Belle 189765						
Ultra Lady's Lady of Lombardy 274859	C	340	Feb-Mar	1922.1	5.42	104.20	10250.9	512.28
Wallin, F. W., Wallinwood Farms, Jenison, Mich.								
Wallinwood El Dorado's Jennie 205446	A	101	Mar	1149.4	4.99	57.36	3993.9	198.73
Wallinwood El Dorado's Pet 196708	A	104	Mar	1164.4	4.16	48.44	3906.6	163.66
Warburg, Felix M., Woodlands Farm, White Plains, N. Y.								
Woodlands Aloha 224542	B	87	Mar	930.8	3.63	33.79	3154.6	134.32
Woodlands Dolores 267021	F	244	Mar	576.7	4.37	25.20	6908.0	298.92
Woodlands Fairy 285993	G	230	Mar	432.9	5.20	22.51	4550.9	213.23
Woodlands Melody 185280	A	122	Feb-Mar	1404.5	5.01	70.36	3584.4	166.91
Woodlands Peg 296292	G	163	Mar	595.9	4.27	25.44	4575.9	180.86

Washington State College, Pullman, Wash.

Chinook Secret Cherub Diana 353851	G	105	Dec-Mar	3347.3	4.33	144.85		
s. Secret Brookdale Cherub 104107	d. Butter-Nut of Willow-wood 176135 A. R. 22277							

West, William R., High Hill Farm, New Bedford, Mass.

*Daisy of High Hill 167489	A	91	Mar	1317.7	5.21	68.65	4002.7	202.92
*Harvester's Grace of High Hill 322517	E	97	Mar	1360.0	4.76	64.74	4489.2	211.21
Robert's Sweetheart of High Hill 208682	B	365	Mar	652.4	5.33	34.77	10964.3	510.5
†Rose Princess of High Hill 208681	A	297	Mar	555.8	5.53	30.74	7334.0	385.24

Westover, Fred A., Maplewood Farm, Auburn, N. Y.

Maplewood Ruby Chimes 276224	G	365	Mar	488.5	5.16	25.21	11778.0	575.2
Maplewood Sylvia 304398	G	196	Mar	1040.3	5.49	57.11	7128.4	359.89

Whitcomb, H. H., Whitcomb Farms, Littleton, Mass.

Lairdholm Leta 282655	A	244	Feb	647.2	4.99	32.30	6835.3	302.87
*†Laudholm Lady Eileen 170994	A	51	Feb-Mar	1734.0	4.36	75.64		
s. Red Gauntlet of Linda Vista 39579 A. R.	d. Laudholm Lady Butterpat 88761 A. R. 12275							
Marrianna of Coon Tree Hill 218524	A	365	Feb	724.2	4.88	35.34	11647.9	534.3
†Pride of Coon Tree Hill 218526	A	165	Dec-Mar	3846.9	4.91	188.71	5678.8	266.12
†Primrose of Gay Farm 194204	A	52	Feb-Mar	2023.8	4.49	90.95		
s. Bellfounder's Warrior of Falcon's Flight 72833 A. R.	d. Violet's Myrtle of Gay Farm 127410							

White, Augusta H., "Hill Top," Princeton, N. J.

*Imp. Dairymaid of Pulias 175134	A	267	Mar	1162.0	5.04	58.56	10976.3	517.39
Hallmark Neptune's Honoria 290854	F	91	Mar	1064.8	5.34	56.86	3130.8	142.62

White, George M., Gayhead Guernsey Farms, Coxsackie, N. Y.

Imp. Archer's Pearl 305200	C	314	Mar	1034.2	5.11	52.85	13457.1	607.18
*Gayhead's Delphinium 249390	B	98	Mar	1363.6	5.51	75.13	4248.1	225.11
Gayhead's Queen Imogene 333806	G	49	Feb-Mar	1616.7	4.47	72.27		
s. Fernbrook King Hendrick 122009	d. Gayhead's Ivy 167013 A. R. 24006							
Gayhead's Queen Iolanthe 311778	G	59	Feb-Mar	2091.6	4.08	85.34		
s. Fernbrook King Hendrick 122009	d. Gayhead's Immortelle 206426 A. R. 23797							
Gayhead's Queen of Sheba 333803	G	119	Mar	1005.1	4.89	49.15	3908.7	188.37
Langwater Sunshine 2d 273786	D	249	Mar	1177.2	4.26	50.15	10026.9	407.68

White, William T., "Hill Top," Princeton, N. J.

Hallmark Annetta 286215	F	112	Mar	1098.2	4.04	44.37	4044.5	171.25
Hallmark Hilda 298611	G	20	Mar	705.5	5.80	40.92		
s. Imp. Sailor Lad VIII. of the Fontaines 126460	d. Neptune's Diana of Hilltop 168940 A. R. 20701							
*Neptune's Favorite of Hill Top 168984	A	310	Mar	816.8	5.58	45.58	10159.7	502.93

Whitney, John G., Keenook Farm, Manchester, N. H.

Keenook Farm Patricia 287389	G	183	Mar	914.8	4.25	38.88	5926.5	250.93
Keenook Farm Ruby 298852	G	161	Mar	1065.0	4.48	47.71	5453.9	243.59
*Orchard View Glory 243072	B	82	Jan-Mar	3427.0	4.24	145.20		
s. Shorewood Reliance 88137 A. R.	d. Orchard View Rosebud 175008							

Whittier, Katharine B., Lonicera Farms, Douglassville, Pa.

Kemah Primrose 271900	E	213	Mar	770.2	6.04	46.52	6162.8	331.64
Kemah Snowball 252565	C	198	Mar	1003.8	5.57	55.91	7290.4	347.46
Kemah Springtime 283374	G	363	Mar	599.2	6.38	38.23	9392.0	480.43

Wigglesworth, Edward, Meredith Farm, Topsfield, Mass.

*Lady May of Meredith Farm 178173	A	90	Jan-Mar	4125.7	4.27	176.07		
s. Lady's Fashion of Fox Run 60699 A. R.	d. May Lady df Fox Run 67152 A. R. 8477							
*Meredith Babette 321339	E	73	Jan-Mar	2755.0	5.14	141.49		
s. Florham Premier 109643 A. R.	d. Mixter Barbara Dean 101630 A. R. 15210							
Meredith Bluebell 270405	B	365	Mar	543.7	6.81	37.03	10562.9	609.9
Meredith Fancy 337884	G	288	Mar	982.7	5.31	52.18	9976.5	478.33
Meredith Moonbeam 317608	E	129	Mar	797.0	5.40	43.04	4157.7	199.18
Meredith Promise 330451	F	365	Mar	260.1	7.20	18.73	9935.0	614.5
Meredith Radiant 335147	F	342	Mar	776.9	5.75	44.67	10610.5	566.97

Wilkie, J. L., Forge Hill Farm, New Windsor, N. Y.

Forge Hill Laddie's Karo 295329	G	75	Mar	1018.1	4.47	45.51	2446.8	114.52
Forge Hill Laddie's Linita 225106	A	91	Mar	982.6	5.23	51.39	3070.4	148.51
*Forge Hill Laddie's Molly 225101	A	106	Mar	1520.0	5.53	84.06	5489.1	268.63
Forge Hill Royal Celinda 275157	F	146	Mar	827.8	4.83	39.98	4311.3	203.50
Forge Hill Royal Rose 268659	E	97	Mar	966.0	5.09	49.17	3198.3	156.25
Forge Hill Royal Verbena 295328	G	122	Mar	986.9	5.79	57.14	4302.9	228.48
May Royal's Fraulein 277093	F	343	Mar	554.9	6.53	36.23	8420.3	457.53
Riverview's Governor's Nellie Bly 243145	E	318	Mar	522.4	6.11	31.92	7313.5	393.67
Waddington Polly 210753	B	336	Mar	526.3	6.66	35.05	11239.6	605.22

Williams, F. L., Law Will Farm, Hope, R. I.

*Greyholme's Proud Marguerite 262332	D	131	Mar	1090.8	3.99	43.52	5827.8	226.94
*Imp. Pearl of Grand Fort 275556	C	91	Jan-Mar	4387.9	3.96	173.98		
s. Dimple's Boy of Cornus Farm R. G. A. S. 4985 P. S.	d. Levonia's Beauty of Grand Fort III. R. G. A. S. 18370 P. S.							
*Imp. Rosy of Chouet 275181	B	167	Mar	755.3	4.67	35.27	6628.3	324.72

Willyard Brothers, Ravenna, Ohio.

*Baudy's Daisy of Buena Vista 212457	A	135	Mar	1886.1	4.62	87.14	8635.7	419.82
Betty of Hillbrook 275935	G	317	Mar	809.2	5.48	44.34	9079.4	482.56
Clara of Cedar Lane 3d 277166	F	228	Mar	818.6	5.08	41.58	6628.5	322.57
Springdale La Dora 281491	G	224	Mar	884.4	5.11	45.19	7325.8	342.29

Winston, T. S., Winston Farms, Midlothian, Va.

Winston Farms Charm 295403	G	97	Mar	890.6	5.62	50.05	3111.4	160.01
Winston Farms Constant 279799	G	313	Mar	786.0	5.85	45.98	7993.8	441.31

Winston Farms Diantha 294170	G	303	Mar	645.1	6.18	39.87	6807.1	368.26
Winston Farms Rosebud 279797	G	313	Mar	708.9	5.97	42.32	9108.9	434.49
Winston Farms Velna 295405	G	181	Mar	689.4	5.45	37.57	4223.7	208.01
Wise, H. A., The Versailles Guernsey Farm, Versailles, Ohio.								
Lady of Versailles 208230	A	365	Mar-Apr	563.6	5.41	30.49	10331.2	489.9
Wittig & Drew, Kenilworth Farm, McLean, Va.								
Kenilworth C. Annetta Queen 293855	G	168	Feb-Mar	1620.2	5.58	90.39	5208.2	252.53
Kenilworth C. Edith 300293	G	189	Mar	695.0	4.30	29.89	5243.3	216.62
*Kenilworth Choice 211750	A	150	Mar	981.8	4.43	43.49	5973.2	275.32
Kenilworth Flora M. Duplicate 283117	F	189	Mar	780.3	4.87	38.00	5203.0	237.98
Kenilworth Flora M. Kate 283116	F	168	Mar	769.6	4.91	37.79	4567.2	219.41
Kenilworth M. Pearl's Tot 279368	F	198	Mar	1049.1	5.55	58.23	7945.2	407.37
Kenilworth Pearl's Dot 255347	E	299	Mar	706.1	5.22	36.86	8681.8	402.64
*Kenilworth Sarabelle 221314	B	315	Mar	599.7	5.90	35.38	8950.5	451.90
Kenilworth S. Clara Belle 275923	F	193	Mar	859.1	5.19	44.59	5976.9	280.78
Wood, Clement B., Camp Discharge Farm, Conshohocken, Pa.								
†Camp Discharge Clara 345059	G	183	Mar	667.9	5.14	34.33	4455.3	211.19
†Camp Discharge Countess 289008	D	305	Mar	336.3	5.66	19.03	6833.5	331.8
†Camp Discharge Fancy 324391	E	162	Mar	551.9	5.16	28.48	4021.0	188.40
†Camp Discharge Flower 342502	F	192	Mar	654.2	5.01	32.78	4563.5	210.52
†Camp Discharge Lil 342067	G	221	Mar	624.3	5.42	33.84	4639.5	235.47
†Camp Discharge Maizie 319132	D	122	Mar	853.6	5.31	45.33	3614.9	179.77
†Camp Discharge Rose 346288	F	162	Mar	607.4	5.44	33.04	3882.5	192.78
†Camp Discharge Tam 304970	D	224	Mar	477.9	6.39	30.54	4918.5	258.65
†Commander's Duchesse 320582	E	139	Mar	1003.1	3.88	38.92	5022.0	186.76
†Commander's Gouvernante 316671	E	157	Mar	796.0	4.09	32.56	4527.5	182.45
†Commander's May Bud 349341	E	129	Mar	706.2	5.06	35.73	3608.5	172.86
†Commander's Twin Gouvernante 316672	D	34	Feb-Mar	1239.4	4.39	54.41		
s. Pencoyd Commander 124072	d. Imp. Gouvernante of Courtil Jardin 207109							
†Imp. Daisy of the Trigale 207140	A	225	Mar	642.0	5.31	34.09	6672.6	310.48
†Ladysmith's Claire 292965	D	178	Mar	672.0	4.89	32.86	4911.1	219.47
†Leader's Iris 294139	C	60	Feb-Mar	2274.1	4.75	107.96		
s. Dusky's Leader of Oaks Farm 105603	d. Imp. Lily of King's Mills Lodge 207122							
†Leader's Verbena 292963	B	71	Jan-Mar	2423.4	3.96	95.93		
s. Dusky's Leader of Oaks Farm 105603	d. Imp. Vena II. of La Godaine 207120							
Imp. Lily Bell of Carteret 207099	A	330	Mar	552.9	4.63	25.60	9737.3	407.02
†Imp. Lily of King's Mills Lodge 207122	A	219	Mar	863.0	4.70	40.56	7353.7	320.64
†Imp. May Bloom of Tamworth 207137	A	61	Jan-Mar	2196.3	4.26	93.53		
s. Imp. Sailor Lad V. of the Fontaines 123257 A. R.	d. Linda III. of Tamworth R. A. A. S. 2619 P. S.							
†Imp. Pearl of Landes du Marche 207114	A	131	Mar	845.2	4.82	40.74	4609.1	196.45
Imp. Ruby's Darling of Sarnia 207110	A	216	Mar	523.0	4.93	25.78	5689.5	269.84
†Imp. Tamworth's Beauty Blossom 246604	A	108	Mar	961.6	4.49	43.18	3637.4	157.18
Imp. Vena II. of La Godaine 207120	A	230	Mar	706.7	4.66	32.93	7788.5	349.88
†Imp. Violet of North View 207113	A	128	Mar	1198.2	4.46	53.44	5830.8	266.30
Wood, G. H., Woodland Farms, Monroe, Mich.								
*Harlequin's Jean of Woodland 208601	B	308	Mar	1254.5	5.13	64.36	14550.7	694.99
Mitzi of Woodland 291812	G	152	Mar	800.8	4.91	39.32	4065.6	184.09
Sequel's Selma of Woodland 270590	G	327	Mar	793.2	5.17	41.01	9652.5	464.55
Woodland's Lady Peggy 277693	F	87	Mar	1065.0	4.57	48.67	3011.3	134.52
Woods, Mort, Primrose Farm, Ardmore, Okla.								
Fanchion of Primrose 197256	A	353	Mar	584.9	5.70	33.34	11214.0	582.42
*Flavia of Primrose 197258	A	317	Mar	963.0	4.34	41.79	12641.4	549.86
Harmony of Primrose 239849	D	365	Mar	52.4	5.23	2.74	9526.2	406.3
Hoosier Girl of Primrose 239845	D	317	Mar	879.4	4.68	41.15	11288.5	534.44
Hyacinth of Primrose 239846	D	305	Mar	444.9	5.32	23.67	10820.3	551.27
Jade of Primrose 297040	G	80	Mar	1229.0	3.84	47.19	3161.2	113.47
Jezebel of Primrose 297042	G	60	Mar	998.3	4.06	40.53	1928.2	77.45
Juliet of Primrose 297039	G	133	Mar	833.7	4.25	35.43	3708.9	151.54
Maplewood Glenwood Rose 291150	E	130	Mar	1399.0	4.30	60.16	6233.3	269.32
Woodward, E. G., Lea Farm, Salisbury, Conn.								
†Anita of Beausite 229139	B	45	Feb	1190.8	5.04	60.02	1888.8	96.53
Imp. Gipsy II. of Bourg de Bas 182662	A	117	Feb	922.6	5.32	49.08	4596.0	234.21
†Imp. Janet of Tersana Farm 251993	C	235	Feb	718.3	6.54	46.98	7612.6	409.91
†Varclin Kitty II. 230996	A	191	Feb	527.6	5.55	29.28	4659.7	243.34
Woodward, E. G., "QuanQual," Salisbury, Conn.								
*†Cosy Bee of Elm Tree 165241	A	305	Feb	485.6	6.05	29.38	8043.3	458.7
†Elm Tree Pauline 165248	A	163	Feb-Mar	1377.8	5.88	81.08	4439.2	246.03
Falcon's Amiable 293667	G	181	Feb-Mar	1385.1	5.41	74.88	4406.2	227.98
†Falcon's Bertha 296785	G	121	Feb-Mar	1512.5	4.62	69.82	3152.1	150.16
†Falcon's Bianca 301305	G	74	Jan-Mar	1853.9	4.83	89.51		
s. Ard-Na-Clachan May Royal 115623 A. R.	d. Falcon's Seamstress 210009							
†Falcon's Pansy 175312	A	190	Feb-Mar	1060.2	5.11	54.16	4512.0	227.58
†Falcon's Winifred 261009	D	190	Feb-Mar	1106.5	5.30	58.67	3321.2	175.77
†Falcon's Wisteria 253865	D	211	Feb-Mar	774.8	5.65	43.74	3149.7	171.53
†Fay Pride of Norcrest 311906	G	178	Feb-Mar	1617.5	5.05	81.69	4921.7	243.80
†Grassland Patience 208442	A	180	Feb-Mar	1493.7	5.24	78.32	4880.7	255.43
Grassland Primrose 169694	A	171	Feb-Mar	1493.2	4.60	68.68	5164.5	240.36
†Grassland Vale 250879	E	305	Feb	244.4	4.70	11.49	6440.1	299.7
†Grassland Valewe 230767	C	244	Feb-Mar	971.5	4.99	48.47	5032.7	218.59
†Rubslogan of Jewell Hill Farm 291022	G	113	Feb-Mar	1995.4	4.61	91.98	3859.3	181.67
Wright, Joseph E., Mrs., "Hillside Orchards," Columbus, N. J.								
†Lady Dahlmar of H. O. 357985	G	21	Mar	579.0	4.85	28.08		
s. Meadowbrook Mars 115338 A. R.	d. Lady Dahlia of Win-O-Dee 198859							

Yarnall, Charlton, Crum Creek Farms, Newtown Square, Pa.								
†Becky of Orchard Lane 255090	B	117	Mar	964.8	4.45	42.93	4196.3	197.02
†Drummer Boy's Heiress 245960	B	142	Mar	951.6	4.45	42.35	4859.4	231.22
†Evergreen Itchen May Paula 227137	A	305	Mar	263.8	6.56	17.31	5564.5	293.5
Fern Crest Vanity Fair 206264	A	115	Mar	1174.3	5.03	59.07	4906.7	255.73
†Florence of Fern Crest 208051	A	225	Mar	701.4	5.63	39.49	6109.2	320.06
†Homestead Lady Grace 199876	A	264	Mar	256.6	4.93	12.65	5384.2	246.02
Ultra's Minnie of Maple Lawn 241660	C	50	Feb-Mar	2346.3	3.80	89.16		
s. Ultra's May King of Edgemere 64457 A. R.			d. Lakeholme Lassie 182300 A. R. 24461					
†Waddington Columbine 210752	A	159	Mar	675.5	5.47	36.95	4377.3	228.15
†Waddington Mary 208050	A	87	Feb-Mar	2113.6	5.54	117.06	3146.3	186.25
Yoder, J. S., Cedar Lane Farm, Wooster, Ohio.								
†Knight's Clarice 305348	G	75	Mar	811.4	5.90	47.87	2027.2	112.31

MERITORIOUS GRADE GUERNSEYS

Kane, John Kent, Shirley Farm, Glenloch, Pa.								
Louise	G	91	Jan-Mar	3795.6	4.51	171.10		
s. Brookmead's Masterful of Shirley 136386								
Whittier, Katharine B., Lonicera Farms, Douglassville, Pa.								
Lizzie 1-2	G	239	Mar	556.4	6.12	34.05	5499.2	295.15
Lizzie 3d	G	239	Mar	875.5	5.11	44.74	7134.2	356.05

Shorewood Farm Dispersal

(*Continued from page 591*)

F. M. Crosby, Minneapolis, Minnesota
- Althea of Shorewood 274388 250
- Shorewood Minuet 333040 170
- Cherub's Felice of Shorewood 220857 210
- Shorewood Gem 318382 210
- Shorewood Violet 318384 170
- Shorewood Queen 282252 200

F. S. Dalrymple, Minneapolis, Minnesota
- Wild Rose of Shorewood 319319 195

J. W. Doring, Appleton, Minnesota
- Shorewood Coralette 244525 225

Highcroft Farm, Wayzata, Minnesota
- Bell Buoy of Shorewood 160913 (Bull) 400
- Cherub's Danseuse of Shorewood 244526 310
- Shorewood Pavlowa 359186 110
- Shorewood Bliss 333041 200
- Shorewood Joy 354900 330
- Leader's Violet of Shorewood 206976 280
- Shorewood Pansy 247527 210
- Shorewood Damsel 120

John Jensen, Minneapolis, Minnesota
- Shorewood Alta 333042 120

Glen Lyon, Pleasantville, Iowa
- Harvester of Shorewood 184857 (Bull) 165

Erroll MacBoyle, Grass Valley, California
- Shorewood Diana 318385 210
- Shorewood Pearl 318386 170
- Shorewood Diamond 359185 135

A. Marckel, Perham, Minnesota
- Shorewood Golden Deanie 333039 150

L. A. Page, Minneapolis, Minnesota
- Cherub's Royal Leader of Shorewood 74296 (Bull) 170
- Shorewood Honoria 212513 350

A. C. Spannaus, Waconia, Minnesota
- Countess of Shorewood 282250 145

Paul Webster, Minneapolis, Minnesota
- Cherub's Pearl of Shorewood 142919 130

A. J. Williams, Delano, Minnesota
- Fatima of Shorewood 324208 120

A. J. Williams and L. L. Williams, Montevideo, Minnesota
- Shorewood Harriet 354899 90

Mrs. S. A. Wittner, Redwood Falls, Minesota
- Shorewood Count 198733 (Bull) 80

Georgia's First Field Day

(*Continued from page 590*)

lanta; Dr. Fred B. Rawlings, Sandersville; C. G. Cushman, secretary of the South Carolina Guernsey Breeders' Association, Clemson College, South Carolina, and H. C. Bates, field representative of The American Guernsey Cattle Club, Atlanta.

Following the speaking program, officers for the Georgia Guernsey Breeders' Association for the coming year were elected as follows: President, John S. Candler, Atlanta; vice president, Fred B. Rawlings, Sandersville; secretary-treasurer, A. L. Crowe, Smyrna; directors, T. L. Huston, Brunswick, James H. Pate, Ashburn, H. F. Brown, Ashburn, Tom Gilmore, Sandersville, and J. E. Turner, Atlanta.

After all official business had been transacted, four cows were led out upon the lawn where a judging contest was held in which J. P. Pirkle of Hoschton, Georgia, was the winner. Mr. Pirkle was awarded a one year subscription to the Guernsey Breeders' Journal. Parties were then formed and visits made to various points of interest including Oak Terrace Farm, owned by Dr. L. C. Fischer, Atlanta, and Irvindale Dairy, owned by Richard L. Hull, Chamblee. This, with an invitation extended by J. E. Turner of Ponce de Leon Dairy for the next Georgia meeting to be held at his farm on the Stone Mountain Road near Atlanta, brought to a close Georgia's first field day.

Plotner Places Twice

FRANCIS PLOTNER of Kelso, Washington, placed twice in the Little International Livestock Show held at the State College of Washington, Pullman, on April 22. Students in the college of agriculture were in charge of the event, which was viewed by approximately 2,500 persons.

Francis Plotner, a sophomore in the college of agriculture, placed third in the Guernsey fitting division and first in the Guernsey showing division.

Vance Herd Leads

CARROLL Dwyer, tester for the Yakima, Washington, Dairy Herd Improvement Association, reports a total of 350 cows under test for the month of March. The high herd of less than twenty cows was owned by J. B. Vance, whose herd of fourteen Guernseys produced 690 pounds of milk and 42.7 pounds of butter fat. The high herd of twenty cows or more was owned by Mrs. H. B. Scudder. Mrs. Scudder's herd of thirty-two Guernseys averaged 591 pounds of milk and 31.4 pounds of butter fat.

Green Meadow Bull Dies

GREEN Meadow Coronation King 109429, A. R., is dead. This bull was owned by A. G. Galusha and Sons of Green Meadow Farm, Williamstown, Massachusetts. He was sired by Green Meadow Steadfast 87623 and was out of Coronation Queen of Beaver Ridge 85274, that has a record of 16724.1 pounds of milk and 743.5 pounds of butter fat in class C.

"King" was a bull that many have considered to be of great promise. Fortunately he has seven daughters that have been tested and seven more daughters on test. In his lifetime he has sired thirty registered daughters and twenty-nine registered sons. His first five daughters in milk to finish test averaged 12990.8 pounds of milk and 690.6 pounds of butter fat.

News Briefs . . .

Alfred C. Arnott Stricken

ALFRED C. ARNOTT of Far Hills, New Jersey, who was secretary of the Far Hills association for a number of years, was fatally stricken with a heart attack while driving his car. Many of the breeders who have exhibited at the Far Hills Fair during the past fifteen years will recall his unfailing courtesies to them.

Country Life Bi-Monthly

ROBERT HOFFMAN of Country Life writes that the magazine will be a bi-monthly during the months of June and July and August and September. This is quite an innovation for Country Life as it has been rather an aristocratic publication appearing every month.

Mr. and Mrs. Jensen Honored

IN the April 7 issue of the Star, Frederick, Wisconsin, there appeared a long write-up and a picture of Mr. and Mrs. Jens Jensen and their Polk County Home. With the help of a stepson, Mr. Jensen operates a 140 acre dairy, hog and poultry farm. His herd of grade Guernseys, in 1929, produced an average of 352 pounds of butter fat per cow in the testing association. Mr. Jensen is considered one of the most progressive farmers of his community and many of his neighbors follow his example.

Report Animals Sold

PURE bred animals that have been sold, and the transfers that have come to the Central Office within three months' time, are now being reported through the Information and Service Division to all local newspapers in the locality where these animals were sold or purchased. This makes good local news and is being appreciated by the papers.

Improves Dairy Plant

EXTENSIVE improvements to the dairy plant which he maintains on his farm at Neenah, Wisconsin, are being made by Morgan Jorgensen. Mr. Jorgensen is completing a new milk house which is a model of convenience and sanitation and has equipped it with the latest mechanical equipment. The plant is completely electrified including the large capacity icebox. Milk is supplied by a herd of twenty-five Guernseys which Mr. Jorgensen plans shortly to increase to fifty. The animals are housed in a new modern barn which is a model of cleanliness. The dairy buildings and barn are to be painted black and white.

Congratulations

WE congratulate the members of the Langlade County, Wisconsin, Guernsey Breeders' Association, who, instead of resorting to such a fanatical measure as milk dumping to wipe out a surplus, decided to reduce the size of their herds by fifteen per cent, eliminating their poorest producing cows, as revealed by milk testing. They are beginning at the right end and will not only help reduce the surplus, but cut their costs of milk production. Why pay money to feed boarder cows?

Nathan G. Lippincott Passes

ONE of New Jersey's well known Guernsey breeders, Nathan G. Lippincott of Swedesboro, died on April 25. Mr. Lippincott's two sons are following in his footsteps as Guernsey breeders. He will be missed by his many friends.

First Maryland Bang's Disease Free Herd

A WASHINGTON County herd of fifty cows is the first Bang's Disease Free Accredited Herd in Maryland, it was announced recently by the Livestock Sanitary Service of the State Board of Agriculture. Certificate number one, the first issued in the state, was received by Mrs. C. E. Howell, Hagerstown, a Guernsey breeder who operates the Fox Deceived Dairy.

Taking Up Where Dad Left Off

CALLED home from Business College by the sudden death of his father, followed within a year by the death of his only brother, threw the heavy responsibility of managing a thousand acre farm on the young shoulders of Duren Parker of Dublin, Georgia. With the aid of his mother and sister, who worked untiringly with him in every detail of the large farm, they have changed a river bottom cotton farm through boll weevil days into a successful livestock farm. Today Duren has a milking herd of seventeen Guernseys and Parker's Golden Guernsey milk is being retailed in Dublin with two deliveries a day. A new dairy was built from the lumber cut on the place and it has a model milk room as recommended by the Georgia State College of Agriculture and Mechanic Arts. Duren also has a 100 ton heart cypress silo which makes the question of succulent feed for the dairy herd easily answered.

Mr. Kitts' Business to Be Continued

FRANK P. Outhwaite of the Island of Guernsey will carry on the business of Charles Kitts, for he writes: "With regard to Mr. Kitts' business affairs, he has been more than good to me. I have been with him for seven years and can honestly say that I have never experienced such a considerate employer, and now that he is gone I find that I am not forgotten. He has left me his business unconditionally and I am continuing it under his name."

High and Practical

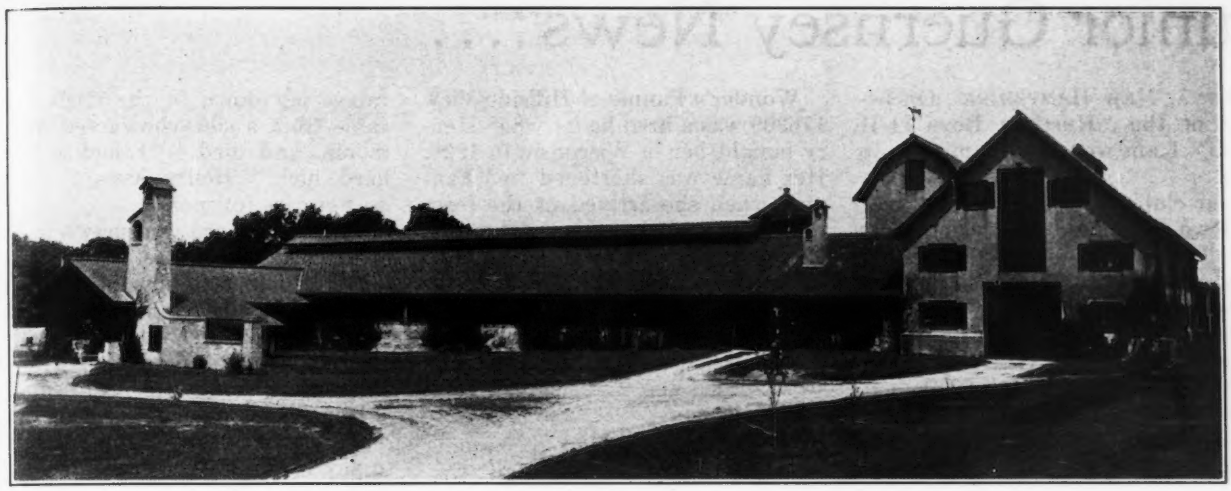
IN the May, 1932, issue of the Eastern States Cooperator, there appeared an article entitled "High and Practical," which gave a story on two records that were recently completed at Horse Shoe Falls Farms, Shannock, Rhode Island, owned by George P. Clark. The write-up included pictures of Imp. Osceola Daisy of the Grove 275558, a new class leader, and Horse Shoe Eloise 217217.

Dairy Record Club

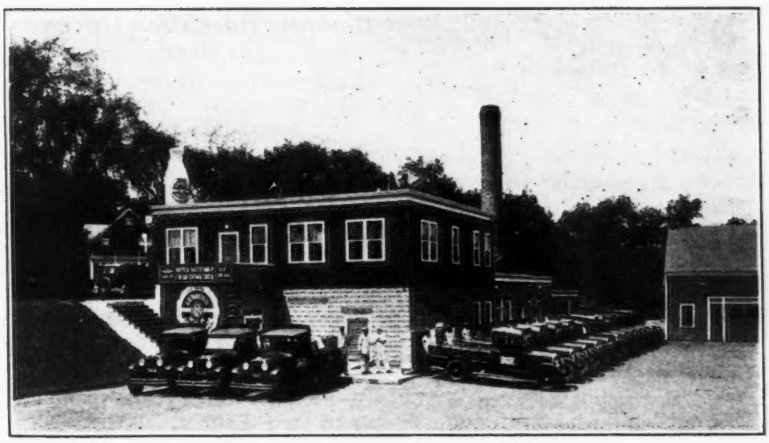
OVER 140 dairymen in Maine, New Hampshire and Vermont have joined the Dairy Record Club which has headquarters at Claremont, New Hampshire, it was accounced by H. N. Wells, Sullivan County agricultural agent. He said that anyone within 300 miles of Claremont may use this mail system of cow testing.

Guernsey is High Cow

IN the Antigo-Harrison, Wisconsin, Dairy Herd Improvement Association for the month of February eleven cows produced over forty pounds of butter fat. Eighty-seven cows were tested and twenty-five were dry. Bernard Berendsen owned the high cow for the month. This cow, a pure bred Guernsey, produced 1322 pounds of milk and 67.4 pounds of butter fat testing 5.1 per cent.



Cold Spring Farm, Whitman, Massachusetts, supplies Golden Guernsey milk to the A. R. Parker Company

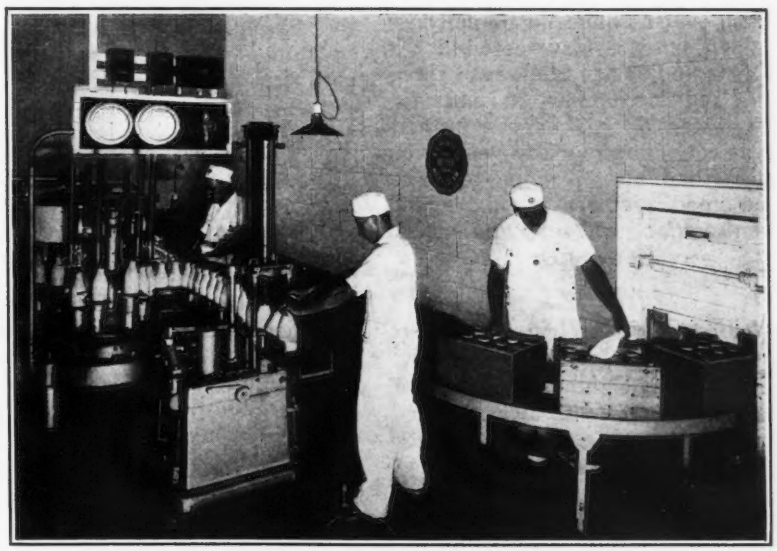


The Home Plant at East Bridgewater

One of the Many Plants Selling Golden Guernsey Milk Under the National Trademark

THE A. R. Parker Company of East Bridgewater, Massachusetts, started twenty-seven years ago by A. R. Parker in a small way, has grown during the years into one of the outstanding dairy organizations in New England. A large and growing volume business has been developed since Golden Guernsey milk was introduced on March 5.

The Guernsey milk comes from the following herds: The Forges Farm, Plymouth; The Clearing Farm, Kingston; Cold Spring Farm, Whitman; The Oaks Farm, Cohasset, and J. H. Tillson, Halifax. W. W. Fitzpatrick of The American Guernsey Cattle Club stated that the barn scores of these dairies made the highest average of any in the United States. Approximately 1,200 quarts a day were sold during the first few weeks.



Bottling Golden Guernsey Milk under ideal conditions

Junior Guernsey News....

ETNA, NEW HAMPSHIRE—On behalf of the "Hustling Boys' 4-H Club" I am writing this missive to you.

Our club was organized last year and we now have twelve members enrolled. After much debate and due consideration on the subject we have finally reached a decision and have decided to hold a fair the twenty-eighth of August. This fair is being held entirely independent of town or county assistance, as we hope to prove that the 4-H club can hold as successful fairs as the larger shows.

My object in writing you is to find out if you would be interested in donating prizes of any nature which may be used for premiums at our fair. Due credit will be given all donations and their donors. Also, mention will be made in our program of the same.

As I stated before we are holding this fair alone and the only way we can get premiums is by this method of subscription so I hope you will be able to give us some assistance and make our fair a success.

Would you kindly mail your decision to me at your earliest convenience as I have written this with sanction conceded by the club and our club leader.

GLENN J. DAY

CLINTON, INDIANA—I am sending in my application blank and also telling you of my heifer. Our dairy club was organized three years ago and the calves were purchased from Wisconsin. My heifer was nine months old when I got her. Her name is Gertrude's Daisy of Pepin County 285571 and she weighs over a thousand pounds.

When she was two years old her milk tested 4.8. She was three years old November 20 and her milk tested 6.6. I have exhibited her at county fairs every year since I have had her. I hope to have some good pictures of my heifer taken soon and will send you one.

ELIZABETH HOUSTON

4-H Boy Builds Herd of Seven Cows

From a single animal, bought in a 4-H club project in 1926, Henry Nymeyer, seventeen, who lives with his parents, Mr. and Mrs. John Nymeyer, on the Pioneer farm, east of Goshen, Indiana, has developed a herd of seven pure bred Guernsey cows.

Wonder's Fannie of Hillside View 176309 was a bred heifer when Henry bought her in Wisconsin in 1926. Her name was shortened to "Fannie" when she arrived at the farm that is now her home. At the time of her purchase she was reported to have been the champion of her class at the National Dairy Show in 1925 at Waukesha, Wisconsin. Henry never was able to verify this, but he conceded she was "sure a good show type cow."

This heifer, destined to become the dam of the present herd, was given excellent care during the summer of 1926, as part of Henry's club project. Some time before county fair time she was given particular attention, as Henry had an idea he would like to find out whether that championship reputation of hers had any foundation. She proved her worth by taking the blue ribbon—first prize—in her class.

CALF BETTER THAN PARENT

Fannie and her owner continued their club partnership for two more years. Her first calf was a female that proved to be even a better milk producer and a better show type cow than her prize winning dam. During the past year, this first calf's milk production averaged thirty pounds daily. Her first year in club work was Fannie's last.

The second calf was a female, and so was the third. Both are furnishing their owner a regular cash income from their milk production. The second calf has been nearly as good as the first, both for show type and milk production.

Fannie's fourth issue was a male. He was sold for a satisfactory price to a buyer at Chestnut Hill, Pennsylvania, where he has become a herd sire.

Twins have been the latest offspring of this one 4-H club heifer. One, a female, died at two weeks of age. The other, a male, grew into a splendid specimen of his breed.

UNTO THIRD GENERATION

A grandson was the first of the third generation, the next, a male, and the third a female, all from the first daughter. A male and a female were produced by the third calf. All females have been kept, but the males will be sold or butchered when eight or nine months old.

Henry's efforts at building a herd have not all been blessed with good luck. For instance, two heifer calves lay down in the draft that came from a silo, contracted pneumonia, and died. "I had a little hard luck," Henry says, "but I do not care for more."

The entire herd was shown in the open class at the last two county fairs. Their winnings in 1931 included one blue ribbon and seven red ribbons—second place. The 1930 showing resulted in five blue, five red and one white—third place.

Henry says he could sell his herd right now and realize enough money to pay for nearly a complete college education. But he has different ideas. When he completes his high school course at Goshen next June, he plans to borrow enough money to pay for his education, letting the herd help him pay it back.

Building Pure Bred Guernsey Herd

I started in with three Guernsey cows in February, 1929, two of them having Advanced Register records. These cows were purchased from the Old Town Farm at Peterboro, New Hampshire. The same year I also bought one more cow and a herd sire, Massapoag Resolute 160054, when ten months old.

During the first year the four cows dropped five heifer calves. The best cow, bred to one of the best bulls of the breed, dropped a pair of twin heifers.

In three years we have had nine heifer calves and one bull calf. Two of these heifers dropped their first calves in the last half of the year 1931. In addition to this, I have three heifers that will drop their first calves in the next few months. This will increase my herd to eight milking cows.

Last year we seeded four acres to clover and used oats and vetch for a nurse crop, also three acres of oats and peas.

This year we are going to seed two acres of alfalfa, four acres of clover, using oats and vetch for a nurse crop, and one acre of permanent pasture and clover.

Every year the 4-H Dairy Club of New Hampshire has a dairy tour and judging contest. The judging contest is between county teams. It takes place in a different county each year. An account of one of these tours was given in the November 1, 1931, issue of the Journal.

ELLIS P. PATTERSON
Christian Hill Farm
Milford, N. H.

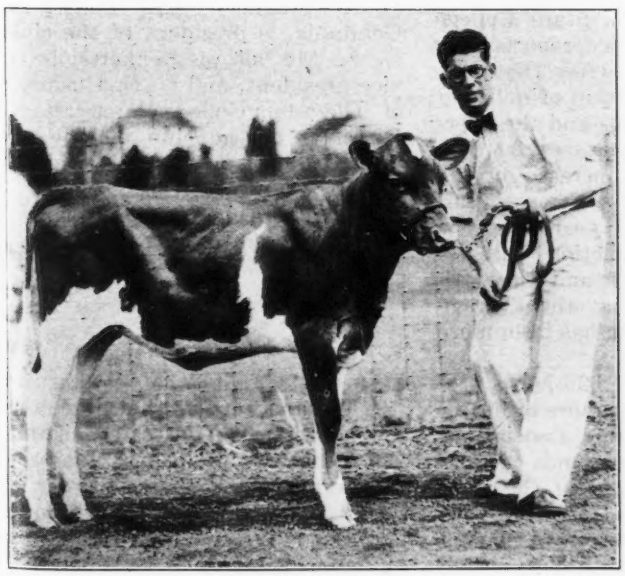
College Activities . . .

First place winners in judging dairy cattle at Oklahoma A. and M. College.

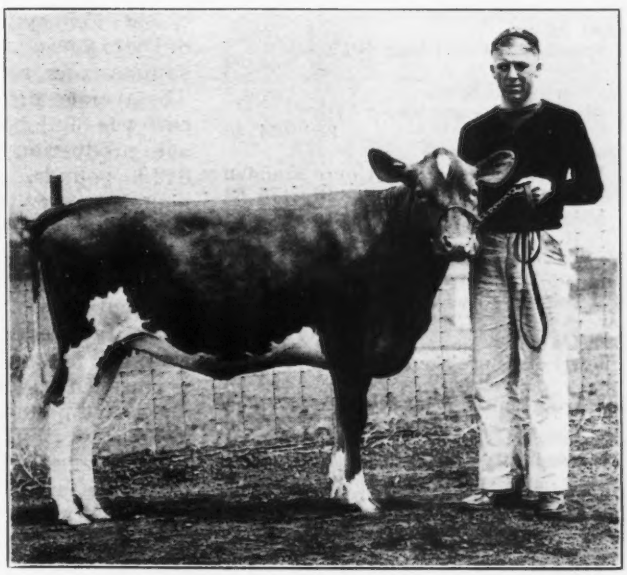
Louis Derr, right, won first in judging Guernseys and was awarded the Mort Woods Cup offered by Mort Woods of Ardmore. The cup is one of the four small ones on the table. Derr also receives a subscription to the Guernsey Breeders' Journal.

Hal Kennedy, second from the left, was second in the Guernsey classes and second in all breeds. He receives a subscription to the Journal as does W. T. James, who won third in judging Guernseys.

At the left is Harold Woodson, high individual in Jerseys and in all breeds. Third from the left is Woodrow W. Mills, first in the Ayrshire classes and third in all breeds.



Francis Plotner, sophomore, Kelso, Washington, winner of first prize for showing Guernseys, Little International, State College of Washington.



Robert Zimmerly, freshman, Ridgefield, Washington, winner of first prize for fitting Guernseys, Little International, State College of Washington.

English Sales

SALES of English Guernseys continue to be very satisfactory and there is an ever increasing demand for pedigree and non-pedigree cattle. Messrs. John Thornton and Company of London recently dispersed the herd belonging to Captain Conyers Lang of Chute Standen, Hampshire, with good results. Chute Standen was the home of the late Mrs. Freville Cookson, who maintained a very well known herd of Guernseys there.

Captain Conyers Lang purchased the estate some years ago and took over one or two cows of the old strains that had done so well in the past. Descendants of these cows were in the herd at the time of the sale, as well as two cows that came from the Clatford Mills herd.

The top price of the sale was sixty guineas ($230.40), paid by E. A. Wigan for Sonrisa 2nd of Chute Standen, a three year old full of Clatford, Claremont and Bickleigh blood. Sir Beauvoir de Lisle paid fifty-two guineas ($199.68) for Princess of Chute Standen, a seven year old cow.

Following is the sale list:

	Guineas	Dollars
Sir Godfrey Collins		
Meadow Sweet 2nd of Chute Standen	50	192
Captain Cosmo Douglas		
Her C. C., Princess 4th of Chute Standen	28	107.52
Meadow Sweet 5th of Chute Standen	42	161.28
B. W. Guinness		
Sonrisa 6th of Chute Standen	37	142.08
J. A. Kay		
Sonrisa of Chute Standen	35	134.40
General Sir B. de Lisle		
Princess of Chute Standen	52	199.68
Lady Miles		
Princess 3rd of Chute Standen	36	138.24
W. North and Sons		
Clatford Meadow Sweet 17th	35	134.40
Lord Swaythling		
Meadow Sweet 4th of Chute Standen	46	176.64
Meadow Sweet 6th of Chute Standen	36	138.24
W. W. Vernon		
Meadow Sweet of Thame	50	192
Jewel of Chute Standen 3rd	50	192
E. A. Wigan		
Jewel of Chute Standen 6th	52	199.68
Sonrisa 2nd of Chute Standen	60	230.40

Twenty-five head averaged forty pounds and three shillings ($146.94), a total of 1,003 pounds and sixteen shillings ($3,673.86).

Messrs. Stride and Son of Chichester, Sussex, held a sale of a selection from the herd of A. D. Walter of Manor and Ham Farms, Hayling Island, and again trade was good, for the cattle were choicely bred and were hardy and in excellent condition. Fred Stride was in the rostrum and there was a good number of bidders from some of the best known herds.

Donnington Jane 11th was secured by Dr. Hamilton Burt for twenty-six and a half guineas ($101.76); Donnington Patricia 2nd was purchased by E. T. Sturgeon for thirty-six and a half guineas ($140.16; Donnington Viola 2nd was secured by A. T. Loyd for thirty-five guineas ($134.40); Featherstonhaugh Estates purchased Donnington Hettie Girl 6th for twenty-eight guineas ($107.52), while Mr. Jackson secured Donnington Kitty 10th for thirty-five guineas ($134.40). Norsebury Fillpail's Lodestar, a bull, was secured by A. Scragg for twenty-seven guineas ($103.68), while Belladonna Robert 2nd, another bull, was purchased by E. L. Woods for thirty-five guineas ($134.40).

The forty-six females, pedigree and non-pedigree, averaged eighteen pounds, ten shillings and eight pence ($67.84). Seven bulls, pedigree and non-pedigree, averaged twenty pounds, six shillings and six pence ($74.40). The fifty-three head brought a total of 994 pounds, seventeen shillings and six pence ($3,641.22), an average of eighteen pounds, fifteen shillings and five pence ($68.68).

E. Walford-Lloyd

Pennsylvania Associations

EIGHTY-FIVE dairy herd improvement associations tested 36,694 cows last year, J. O. Sidelmann, of the Pennsylvania State College dairy extension service, reports after summarizing records for the year. The average production of milk per cow was 8081 pounds and the average production of butter fat was 312.8 pounds, an increase of 2.8 pounds over the previous year. This is the second year that the average milk production has exceeded 8000 pounds and the fifth consecutive year that the average butter fat production has been more than 300 pounds.

During the year 1,025 herds produced 300 pounds or more of butter fat a cow. Fifty-nine associations had averages of 300 pounds or more of butter fat per cow for the year, Buffalo Valley of Union County leading with 381 pounds. Every association in the state averaged more than 6000 pounds of milk per cow with Buffalo Valley again leading with 10887 pounds.

Chester County had the largest number of cows tested, 2,918, and Bradford County led in 300 pound butter fat producers with sixty-eight.—E. H. Rohrbeck.

Vermont Dairy Testers Meet

THE Vermont Dairy Testers Association, an organization of Vermont Dairy Herd Improvement Association Supervisors, met at Randolph Center on May 16 for their fourth annual meeting and conference. Speakers were E. H. Loveland, Extension Dairyman; C. M. Lilly, president of the Vermont Dairyman's Association, and R. D. Aplin, member of the Extension Service. Suggestions for increasing the value and type of work done by the testers were made and discussed at length.

The following officers were elected for the ensuring year: President, P. H. Walters, supervisor of Twin County Association; vice president, Lindsay Duchane, supervisor Mt. Holly Association; secretary and treasurer, Olin Gray, supervisor Cabot-Caledonia Association.

The meeting was well attended and well worth while as it made an exchange of ideas and problems, common to every tester, possible and helped each one present to gain a new enthusiasm in his work. —Olin A. Gray.

South Carolina Club Chartered

THE South Carolina Guernsey Cattle Club was incorporated recently as an eleemosynary corporation "to promote the interests of the breeders of Guernsey cattle in South Carolina." S. H. Zimmerman, Columbia, is president of the club, C. S. McCall of Bennettsville is vice president, and C. G. Cushman of Clemson College is secretary. Directors of the club include the officers and G. A. Sherrill, Cheraw; R. B. Caldwell, Chester; J. F. Hawkins, Newberry; J. B. Guess, Jr., Denmark, and A. L. James, Darlington.

A Large Calf

DR. C. C. CLAY of Wakarusa, Indiana, reports that a healthy well developed heifer calf weighing 139 pounds was born to a Guernsey cow owned by William Wagner of Union recently. Dr. Clay reports that this is the largest new calf that he has ever seen and that it is the next largest new calf ever known of by him, the other weighing 140 pounds at birth.

Your name may be listed here by states for one year by sending us $5.00. This also entitles you to a year's subscription to the GUERNSEY BREEDERS' JOURNAL. If you already subscribe to the JOURNAL an adjustment will be made.

Florida

Inspiration Ranch, J. A. Frohock, Inc., Bradenton, Box 1465

Georgia

Meadow Vista Farm, Dr. F. B. Rawlings, Sandersville

Indiana

Golden Arrow Farm, W. F. Schacht, Huntington

Kansas

Ransom Farms, W. G. Ransom, Homewood

Maryland

Kendall, Franklin S., Clarksville

Pleasant Plains Farm, Edward E. Kaiser, Annapolis

Mount Ararat Farms, Dr. Joseph I. France, Port Deposit

Missouri

Fern Hill Farms, L. E. Vaughan, Oronogo

Oak Hurst Farms, Parminter & Sons, Lockwood

New Hampshire

Blueberry Hill Farm, W. B. Oliver, Mgr., Marlboro

Twin Elm Farm, P. C. Thayer, New Ipswich

New Jersey

Hollow Hill Farm, Mr. and Mrs. Paul Moore, Convent

New York

Western New York G. B. A., Ira Johnson, Sec., Sugar Grove, Pa.

Texas

Dixie Meadow Farm, Ed. F. Riley, Wichita Falls

Lawnview Farm, Louis Mackensen, R. F. D. 1, Box 18, Houston

Vermont

Moody, M. H., Waterbury

Virginia

Glencairne, D. M. Chichester, Falmouth

Wisconsin

Helendale Farm, William A. Erbach, Prop., Athens

Wyoming

Circle M Ranch, Edward Moore, S. Jr., Big Horn

Guernsey High Producer

HIGH cow for the month of March in the Malheur County, Oregon, Cow Testing Association was Roaney, a three year old Guernsey belonging to F. L. Featherston of Ontario. Roaney produced 70.6 pounds of butter fat. Mr. Featherston also owned the high herd with less than twelve cows. The average of the association for the month, including cows in milk and cows dry, was 26.8 pounds of butter fat.

Guernseys Lead in Sand Creek D. H. I. A.

IN the Sand Creek, Wisconsin, Dairy Herd Improvement Association the herd of ten grade Guernseys owned by Oscar Peterson led for the month of April with an average of 826 pounds of milk and 35.3 pounds of butter fat.

The herd of eighteen grade and registered Guernseys owned by Nick Bergeson was fourth with an average of 767 pounds of milk and 32.5 pounds of butter fat.

Beck Elected Secretary

AT a meeting of the Carlton County, Minnesota, Guernsey Breeders' Association held recently L. J. Beck was elected secretary of the association for the balance of the year as no secretary was chosen at the annual meeting.

The question of holding a Guernsey sale in June was discussed, but on account of present conditions it was decided to dispense with the annual sale for this year.

Borden Has High Herd

THE Guernsey herd owned by Herbert T. Borden, Mickleton, New Jersey, led the Gloucester County Dairy Herd Improvement Association for the month of March in butter fat production. This herd averaged 37.6 pounds of butter fat.

During the month of March there were 440 cows on test. The average milk production per cow was 751 pounds with an average butter fat production of 27.5 pounds.

H. T. Borden also owned the high butter fat producing cow that produced 71.3 pounds.

Morse Herd Leads

THE herd of nine grade Guernseys owned by Charles Morse, Marengo, Iowa, took first place for the month of April in the Iowa County Cow Testing Association. This herd averaged 750 pounds of milk and 36.4 pounds of butter fat.

The third place was taken by a herd of eighteen Guernseys owned by Harry Morse. This herd produced 692 pounds of milk and 32.1 pounds of butter fat.

The high cow in the association was also a Guernsey owned by Charles Morse. She produced 1254 pounds of milk and 81.5 pounds of butter fat.

Duncan Guernsey High

A GUERNSEY cow owned by W. A. Duncan made the highest score in butter fat production in the Gooding-Jerome, Idaho, Cow Testing Association for the year ending March 1, 1932. This cow's production was 570 pounds of butter fat for the year.

Neck Chains!
Horn Chains!
Padlocks!
Bull Halters!

what you want, the way you want it.

L. R. Morford
IOWA CITY, IOWA

CALF EASE

Saves calves sick with "scours." Easy to give with milk. Guaranteed pure materials. Year's supply only $1.00. **Order today.**

AID CHEMICAL CO.,
528 No. 34th St., Milwaukee, Wisconsin

IMPROVED
"PELOUZE" Dairy Scales
Three Sizes:
40, 60 and 120 lbs.

Our new Dairy Scales have solid brass etched dials with raised figures and graduations. They are indefaceable and indestructible. Very attractive. Made to comply with Department of Weights and Measures. Patented adjustable hand for obtaining tare weight of empty pail. Order through any leading supply house. Specify "PELOUZE." Send for circular.

PELOUZE MANUFACTURING COMPANY
232-242 East Ohio Street
CHICAGO

REDUCED PEDIGREE PRICES

In Effect Until Further Notice

TYPEWRITTEN		DUPLICATOR	
4 gen. Pedigree 1 copy	$ .50	12 copies	$ .85
3 copies	.75	25 copies	1.00
5 gen. Pedigree 1 copy	1.25	12 copies	1.90
3 copies	1.50	25 copies	2.25

Write for samples to
Wisconsin Live Stock Advertising Company
704 Beaver Building Madison, Wisconsin

THE 100% CLUB

All members of the Guernsey Breeders' Associations listed here subscribe to the JOURNAL.

If you are in the market for Guernseys, write the secretary of any of the clubs, or several of them, and they may be able to help you locate your wants.

California

Central California Guernsey Breeders' Association, C. E. Fisher, Sec., Hughson.

Idaho

Bonner County Guernsey Breeders' Association, F. L. Cochrane, Sec., Kootenai.

Inland Empire Guernsey Cattle Club, Mrs. Emil S. Boller, Sec., Potlatch.

Indiana

Elkhart County Guernsey Breeders' Association, S. O. Bigler, Sec., R. D. 6, Elkhart.

Marshall County Guernsey Breeders' Association, W. R. Matthews, Sec., Box 254, Plymouth.

Randolph County Guernsey Breeders' Club, P. O. Shierling, Sec., Saratoga.

Iowa

Iowa Guernsey Breeders' Association, Philip Mahr, Sec., Indianola.

Michigan

Genesee County Guernsey Breeders' Association, A. D. Alldredge, Sec., Flint.

Missouri

Marion County Guernsey Breeders' Cattle Club, William Frankenbach, Sec., Hannibal, R. 1.

Nebraska

Nebraska Guernsey Breeders' Association, L. H. Daft, Sec., 2902 North 59th Street, Lincoln.

New York

Broome County Golden Guernsey Milk Company, John Marcy, Jr., Sec., Security Mutual Bldg., Binghamton.

New York Guernsey Breeders' Association, B. J. H. Rikert, Sec., 305 Fayette Park Bldg., Syracuse.

North Carolina

Guilford County Guernsey Breeders' Association, W. C. Fleming, Jr., Sec., Greensboro.

Ohio

Van Wert Guernsey Cattle Club, Otto Gehres, Sec., Wren.

Pennsylvania

Cambria County Guernsey Breeders' Association, W. J. Hoover, Sec., Patton.

Chester County Guernsey Breeders' Association, H. M. Pate, Sec., Chadds Ford Junction.

Franklin County Guernsey Breeders' Association, Frank N. Miller, Sec., Waynesboro.

Washington

Lewis County Guernsey Cattle Club, R. B. Ticknor, Sec., Centralia.

Pierce County Guernsey Cattle Club, C. J. Lawson, Sec., Puyallup.

Yakima Valley Guernsey Breeders' Association, J. L. Addington, Sec., R. 7, Box 343, Yakima.

Wisconsin

La Crosse County Guernsey Breeders, Inc. Vilas Young, Sec., West Salem.

Cass County Meeting

THE Cass County, Michigan, Guernsey Breeders' Association held a meeting at the Court House at Cassopolis on April 12. In the absence of the president, County Agent George McIntyre acted as chairman. A discussion was held regarding the activities of the club for the summer season and some comment was made relative to a county wide Guernsey dairy day and a county Guernsey sale.

Comment was made by A. C. Baltzer, dairy department, Michigan State College, relative to the present dairy situation. A lack of culling and the increase in cow numbers was pointed out by the speaker as one of the sources of increased dairy production and the attendant factor of lowered milk consumption in the larger industrial areas has tended to reduce dairy prices. No immediate higher butter fat and milk prices are likely on account of this situation.

The make-shift dairyman will have difficulty in meeting lowering milk prices. The careful and thoughtful dairyman, however, will realize that a readjustment in crops to better feed the dairy herd from home grown feeds will assist him in meeting the new condition confronting him. Also, the need for improvement in the breeding of dairy cattle through more careful sire selection, the trading of better sires and matured sires, and equipping the farm with a bull pen will assist in improving the dairy situation.

Record keeping, in order to cull out old cows past their prime and cows of low milk producing ability was emphasized as one of the vital necessities in order to reduce numbers and increase the net profits from the dairy herd.

Three Ohio Breeders Pass

THE past few months have witnessed the passing of three Ohio Guernsey breeders—William McLauchlan of Cleveland, General Edward Orton of Columbus, and F. W. Bowen of Wren.

Mr. McLauchlan was nearly eighty years of age at the time of his death. His home, where he maintained his herd, was at North Royalton, and he was greatly interested in the work of the state association.

Mr. Orton became interested in Guernseys late in life. He began the foundation of his herd about six years ago, when he was nearly thirty-five years of age. He developed the Marilea herd that has recently been incorporated under the name of Marilea Farm, Incorporated, with Werner Witschi as president and William M. Miller as vice president.

Mr. Bowen was a comparatively young man—fifty years of age. He was an ideal community leader, and his influence in Van Wert County and in his local community of Wren will be greatly missed. He was a member of his local Guernsey bull association, as well as a member of the county dairy herd improvement association, a director of the county Guernsey association, and a former president of the Van Wert County Farm Bureau Association. Mrs. Bowen and her son are continuing with the farm and Guernsey herd.

Good Producers

THE Fox Farm Herd of Guernseys at Clarion, Pennsylvania, had two good producers for the month of March. A seven year old cow produced 1850 pounds of milk and 92.5 pounds of butter fat, while a six year old, that was fresh on March 9, gave 1835 pounds of milk containing 102.8 pounds of butter fat.

H. A. Strohmeyer, Jr.
Photographer of Animals
215 Fourth Ave. - NEW YORK, N. Y.

Wanted Position
As Herdsman or Manager
Ten years experience in producing Grade A and Certified Milk. College graduate, familiar with A. R. Testing, Showing and Calf Raising. Not afraid of hard work. Dispersal of herd will leave me available at once.
Box 6
Guernsey Breeders' Journal

Farm Management and Accounts
For the Last Twenty Years
Burlingame, King & Dunk
Incorporated
19 West 44th Street
NEW YORK - - N. Y.

Johnson County C. T. A.

THREE hundred seventy-three cows on test during the month of April, including thirty-seven dry, averaged 730 pounds of milk and 29.0 pounds of butter fat, according to the report of Tester Clarence Jensen of the Johnson County, Iowa, Cow Testing Association.

The highest producing herd, owned by Dan M. Yoder, consisted of eight grade Guernseys, all in milk, that averaged 46.2 pounds of butter fat.

WANTED Large Farm or wild tract of land with good private lake. Nearer New York the better. May purchase if very reasonable. Would prefer to make part payment with over 500 acres of excellent Delaware County, New York, farm lands with improvements. Brokers protected. Address owner, Suite 1606, 342 Madison Ave., New York City

SAVE on SUPPLIES

FREE — Dairy and Breeders Catalog

High quality: money-back guarantee. Thousands of dairymen, breeders, stockmen rely on our 1932 Catalog for values, service, and satisfaction. Full line of dairy and veterinary supplies, ear tags, markers, halters, cow blankets, many new items all at lowest prices. Write today.

C. H. Dana Co. 45 Main St. West Lebanon, N. H.

HILDEBRAND

The Sign of PERFECTION in

ANIMAL PHOTOGRAPHY

We may be in your locality at an early date

Makers of Pictures that Pay

ROBERT F. HILDEBRAND
56 Taylor Street
Torrington, Connecticut

GOLDEN CROWNS
on your Milk Bottles
Improve Their Appearance
Increase Milk Sales
THE CRAWFORD PRESS
South Weymouth, Mass.
Samples for the asking

King Segis Patent Lock

Ear Tag
Bull Staffs
Bull Rings
Hercules
Bull Ties
Show Halters

Description and prices sent on application

Address H. A. MOYER, Inc.
Syracuse, N. Y. Dept. B

Connecticut Guernseys Doing Well

RIVERVIEW'S Governor's Darling 243144, owned by George P. McLean, Simsbury, Connecticut, has the highest record for one month's production for a four year old. During the month of March she produced 1955.6 pounds of milk and 108.14 pounds of butter fat in class C. This high month's record displaced Norman's Missaukee Red Rose 89724 that formerly held the high record with a production of 1869.5 pounds of milk and 102.82 pounds of butter fat. During the month of April Riverview's Governor's Darling 243144 produced 1760.8 pounds of milk and 100.54 pounds of butter fat.

Imp. Bickleigh Jewel IV. 253827, owned by Est. John R. Gladding, Thompson, Connecticut, produced 2113.3 pounds of milk and 102.92 pounds of butter fat in class A during the month of March.

Grassland Zenoria 185315, owned by Robert and Herbert Scoville, Taconic, Connecticut, produced 2150.0 pounds of milk and 89.23 pounds of butter fat in class A during March. In 135 days to March 1, "Zenoria" produced 9854.9 pounds of milk and 413.23 pounds of butter fat.

Grassland Gloria 208437, also owned by Robert and Herbert Scoville, is proving to be another good producer for during the month of March she produced 2006.5 pounds of milk and 84.07 pounds of butter fat in class A, and during the month of April her production increased to 2190.5 pounds of milk and 91.34 pounds of butter fat.

High School Purchases Bull

THE Kern County Union High School of Bakersfield, California, has recently purchased a pure bred Guernsey bull, Brilliant Lad of Adohr 191193. The acquisition of "Lad" is in line with the program of development marked out for the Kern County High School herd—constant building up of its stock by introducing new blood and increased production per cow being the goal in view.

The high school boys now own 100 head of pure bred dairy cattle.

Breeders' Bookshelf

DAIRY CATTLE AND MILK PRODUCTION, By Dr. C. H. Eckles. Common-sense information on increasing production, raising calves, selecting a sire, feeding economically, and other details that mean the difference between success and failure. Over 40,000 copies in use. 611 pages, 98 illustrations, $4.00.

LIVESTOCK AND POULTRY DISEASES, By Dr. W. A. Billings. A complete source of information on causes, prevention, symptoms and treatment of diseases of farm animals. 520 pages, 54 illustrations. $3.50.

MARKETING PURE BRED LIVESTOCK, By M. N. Beeler. It describes and illustrates methods used by over 100 successful breeders—how to write ads, sell by mail, auction, and many other methods. 408 pages, 20 illustrations. $3.75.

HEREDITY IN LIVESTOCK, By Christian Wriedt. Tells shortly and clearly how you can benefit from the modern discoveries in heredity. 190 pages, 70 illustrations. $3.00.

SEX HYGIENE AND REPRODUCTION OF CATTLE, By Dr. W. W. Williams. This book provides the breeder and dairyman with a rational and systematic plan for the prevention and control of breeding losses among cattle. 252 pages, 55 illustrations. $4.75, Postpaid.

MARKETING DAIRY PRODUCTS, By Roland W. Bartlett. A discussion of marketing from three angles—the agencies interested, the aims of these agencies and the price plans used for marketing milk. It is the first treatise on cooperation in marketing dairy products. $4.00.

BASIS OF BREEDING, By Leon F. Whitney. One of the best written books on breeding to be had. 260 pages, profusely illustrated. $3.00.

HOW TO ORDER BOOKS

Add 15¢ per volume to cover packing and mailing charge and send check or money order for the price listed, addressed to:

Breeders' Bookshelf
8 School St., Peterboro, N. H.

HERDSMAN - DAIRYMAN

Young American, married, desires position on an up-to-date dairy farm or estate. Thoroughly experienced in feeding, calf raising, butter making and all kinds of dairy work. Now employed, but with good reasons for changing positions. Best of References.

BOX 3 - Guernsey Breeders' Journal

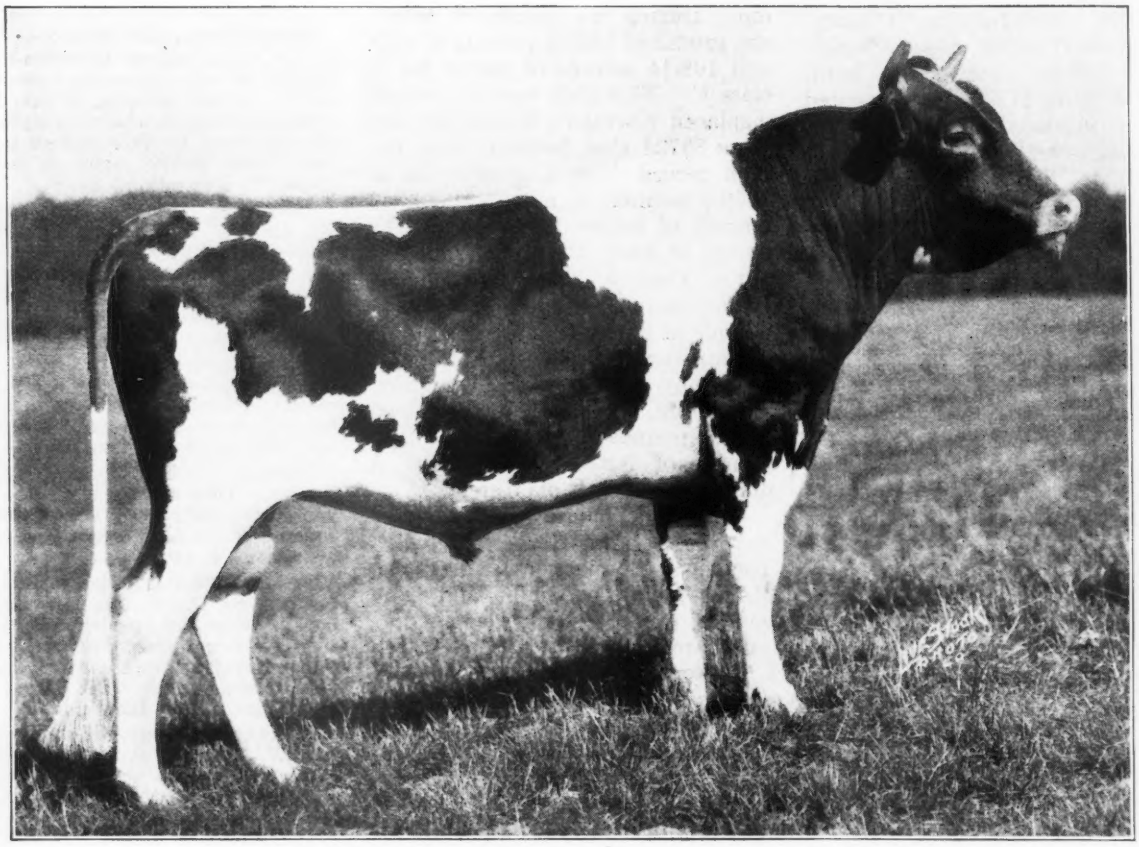
Good Printing has a Value

Our product represents thought and quality always. It is not toasted—nor kind to your throat—but good printing is mighty powerful in building community prestige!

Transcript Printing Co.
PETERBORO, N. H.

SENIOR HERD SIRE

Alta Vista Farm — Lake Geneva, Wisconsin



FOREMOST MAY ROYAL 145958

SIRE: May Royal's Majesty 117245, A. R. — DAM: Foremost's Celeste 197808, A. R.

His Sire, ***May Royal's Majesty 117245***, shows every promise of being one of the greatest Sires of the Breed for both type and production. His first four Daughters made records in class "G" averaging 12385 lbs. Milk and 617 lbs. B. F. His Daughter, Fayroyal's Evangeline 249151, was the undefeated Junior Yearling in 1929, including the National Dairy Show, Junior Champion New York State and Eastern States Exposition.

His Dam, ***Foremost's Celeste 197808***, represents the very top of the breeder's ideal. First prize heifer National Dairy Show and Sesqui-Centennial 1926. First prize Michigan and New Jersey. First prize and Junior Champion New York State. Member of World's Champion Herd, Sesqui-Centennial, 1926. She has made two records, 10049.3 lbs. Milk, 467.8 lbs. B. F. in Class "GG" and 13476.0 lbs. Milk and 642.7 lbs. B. F. in Class "CC." She will make her next record in Class "A."

Foremost May Royal 145958 is the Grandson of two great Sires, Langwater Foremost 39191 that sold for $20,000.00 and Mixter May Royal 65203 that sold for $23,000.00. The Get of both Sires have won many first prizes, including the National Dairy Show. He is also the Grandson of the outstanding show cow, Mixter Faithful 101637, Grand Champion of many premier exhibits, including the Sesqui-Centennial. World's Champion in Class "FF," when record was made. Sold for $12,700.00.

The Herd at Alta Vista is of May Rose Breeding

In the Herd are two Daughters of Langwater Eastern King 63072, Daughters of Langwater Foremost 39191, Mixter May Royal 65203, Langwater Resolute 93733, King's Advocator 126310 and Silverwood Diana 82940, the world's record cow in Class "AA" for both Milk and Butter Fat production. Granddaughters of Langwater Steadfast 31672, Langwater Demonstrator 16451, Ultra Select 47137, Itchen King 49803 and Brookmead's Banner 36207. A double great Granddaughter of May Rose 2d, (Claremont May Rose 3648 E. G. H. B.), the Foundation Cow of the May Rose family.

The Herd is Federal Accredited and all animals are negative to the blood test. Several young sons and daughters of Foremost May Royal 145958 for sale out of A. R. Dams. Priced moderately.

Inspection cordially invited. — Send for Sales List.

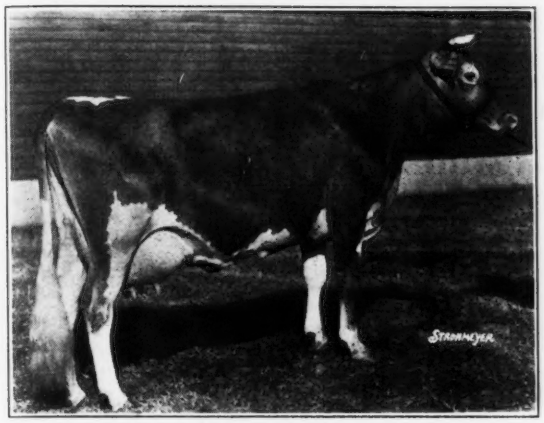
WILLIAM NELSON PELOUZE

Office: 232 East Ohio Street — Chicago, Illinois

Photograph of Foremost May Royal 145958 was taken at the age of two years and nine months

Bonny Bess of Fairview Farm 4th 225383

Born October 20, 1926



13737.5 lbs. Milk, 635.2 lbs. Fat, Class C

"A small herd of select breeding Guernseys"

ACCREDITED NEGATIVE

Mr. and Mrs. Paul Moore — Owners

Raymond F. Benham — Herd Mgr.

Hollow Hill Farm

Convent New Jersey

MILL ROAD FARM

Are you interested in correcting the shape of those udders in your breeding herd? Imp. Renown of Myrtle Place 145068 has done that for us. A son out of an A. R. cow should do it for you.

R. R Lake Forest, Ill. P. O. Everett, Ill.

NOW OFFERING...

Sons and Daughters of

WARD ACRES JUPITER 151542
Sire: Langwater Africander 57121
Dam: Regina of Fairydale 134075
Milk 16105.1 lbs., B. F. 906.7 lbs., Class B

From Dams up to 800 lbs. by—
LUETTA'S SECRET OF MINOT 48673
Sire: May Rose Golden Secret 34920
Dam: Luetta of Elmwood 42592
Milk 11525.8 lbs., B. F. 646.0 lbs., Class AA

Write for pamphlet and pedigrees

Maherwood Guernsey Farms
Devils Lake North Dakota

COVENTRY FARM GUERNSEYS

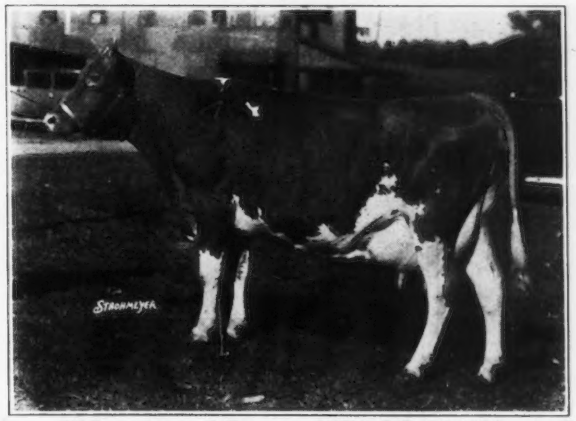
FEDERAL ACCREDITED HERD NO. 105020

N. J. ACCREDITED ABORTION FREE HERD NO. 1

"Valentine - Sequels"

Young Bulls For Sale at Reasonable Prices

Every animal sold by us is negative to the blood test for contagious abortion.



Imp. Valentine of Passee Villa VI. 214458, A. R.
1st prize aged cow Far Hills Show, 1930
1st prize dry aged cow, Far Hills Show, 1931
Dam of our Junior Herd Sire
COVENTRY VALENTINE SAILOR LAD 162297

R. L. Benson, *Owner* **G. F. Stone, *Supt.***

PRINCETON, NEW JERSEY

Your Share

In the past twelve months there was sold 21,637 head of pure bred Guernseys.

A Real Record

This is

1,800 Animals A Month

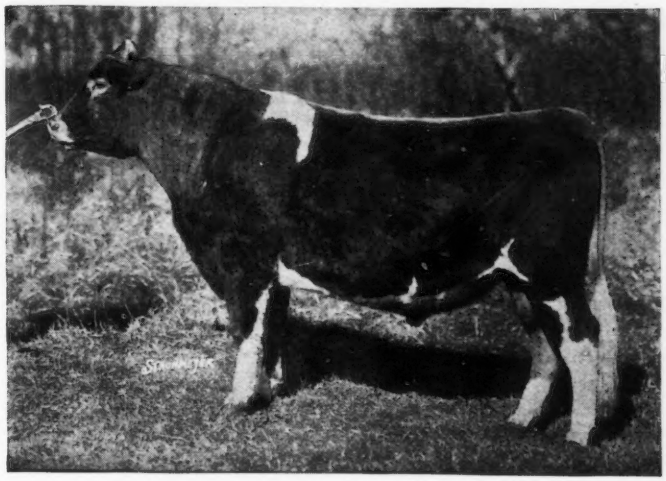
SIXTY PURE BRED Guernseys were sold every day of the year, Sundays, Holidays, and even Christmas.

DID YOU SELL your share of these 21,637?

More Information in next Journal

Guernsey Breeders' Journal

Senior Sire 1923 - 1930



Imp. Bickleigh Chieftain V. 91011

Ten Advanced Register Daughters

averaged 13245.1 lbs. Milk
703.9 lbs. Fat

Their Dams

11009.9 lbs. Milk
570.9 lbs. Fat

These records ***are*** comparable since all were made at Greyholme and, where necessary, have been converted to Mature equivalents by the conversion factors of The American Guernsey Cattle Club.

Write us about a bull carrying this sort of inheritance.

Greyholme Farm

East Greenwich - Rhode Island

C. PRESCOTT KNIGHT, Owner ***WALTER A. COOK, Manager***

and now a 600 lb. average

Five tested daughters of Roughwood Prestige 112432 have made 600 lbs. fat in Classes G and F.

Bulls from worthy A. R. cows for sale.

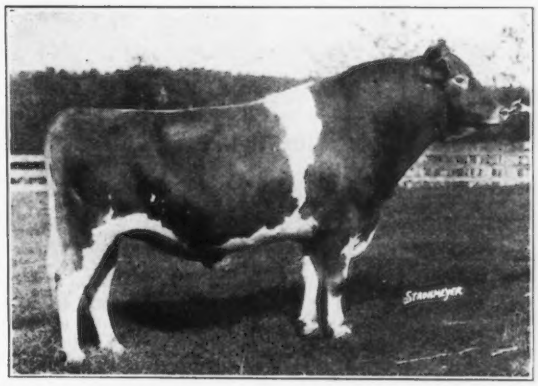
Established 1908 - 100 Head

Federal Accredited - Negative to Blood Test

ROUGHWOOD GUERNSEYS

George N. Barrie
Supt.

CHESTNUT HILL, MASS.



Roughwood Prestige 112432

SIRE: Regent of Roughwood 67926, 11 A. R. Daughters, 2 A. R. Sons.
DAM: Demonstrator's Pearl of Longwood 128074,
A. R. Record: 11981.4 lbs. Milk, 718.0 lbs. Fat, Class G

His five daughters

Roughwood Jacqueminot 236323	529.90 lbs. Fat, G
Roughwood Niobe 269356	577.90 lbs. Fat, G
Roughwood Elegance 244029	515.60 lbs. Fat, G
Roughwood Juanita 270162	620.82 lbs. Fat, G (Unofficial)
Roughwood Belle 256963	754.80 lbs. Fat, FF

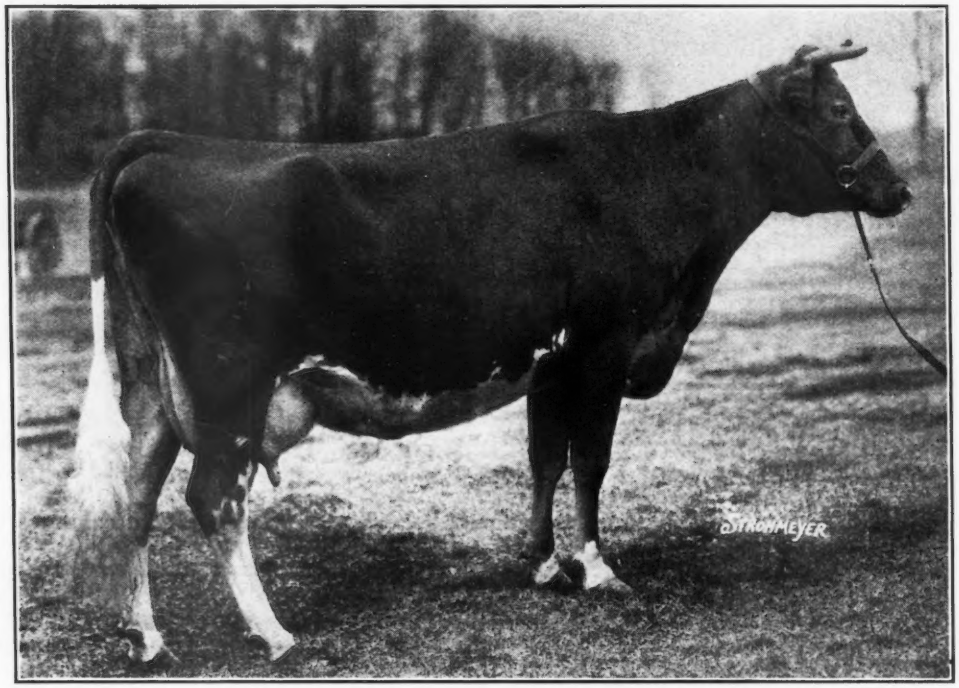
Firestone Holstein-Guernsey Sale

comprising

60 Selected Blood Tested Animals 60

Riding Pavilion, Firestone Farms, Akron, Ohio

TUESDAY, JUNE 20, 1932, 12:30 P. M. *Eastern Standard Time*



Langwater Clara 127874

10519.3 lbs. milk, 578.7 lbs. fat, Class G; 11703.0 lbs. milk, 649.6 lbs. fat, Class A; 12473.4 lbs. milk, 702.7 lbs. fat, Class A.

Firestone Pharaoh 170919, born October 25, 1929, is a feature Guernsey in this sale. Sire: Langwater Pharaoh 98719, A. R. Dam: Langwater Clara 127874, A. R.

Among the good animals are Imp. Jip's Snowdrop IV. 226877, 13631.6 lbs. milk, 713.3 lbs. fat, Class A; Sergeant's Belle of Firestone Farms 188368, 13242.2 lbs. milk, 743.0 lbs. fat, Class A, unofficial; her March bull calf and a yearling son that is a beauty; Mixter May Heiress 124210, 11750.8 lbs. milk, 536.9 lbs. fat, Class A; a daughter of Langwater College King 25837 in calf to Firestone Pharaoh 170919, and Evalon Farms' Queen 280555, 6725.1 lbs. milk, 363.3 lbs. fat, Class GG; daughter of Penncrest's Starlight's Royal Master 113886, A. R.

The 22 Guernseys include 7 bulls, 5 ready for service; 8 of the open and bred heifers are out of A. R. dams.

Holsteins

The Holsteins, numbering 40 head, include some of the best blood lines of the breed. Five bulls, cows with A. R. O. records, bred and open heifers, make up the offering.

For Catalog Address

The Ohio Guernsey Breeders' Association, Wooster, Ohio

FIRESTONE FARMS

Akron and Columbiana, Ohio

Guernsey Pedigree Specialists

Established in 1915
Also successors to A. W. Fox, Guernsey Pedigrees Tabulated, Waukesha, Wisconsin.

TYPEWRITTEN PEDIGREES

2 Color, Fully Extended, Large Blanks

14 ancestors....$1.00....Blank 14 inches square
30 ancestors.... 1.50....Blank 14 inches by 16 inches
62 ancestors.... 2.50....Blank 14 inches by 17 inches

In connection with our typewritten pedigrees we have a LOOSE LEAF 30 ancestor and a 62 ancestor blank punched to fit covers. Blanks of large size and of linen ledger stock. Covers are sectional post, lock back. Two color pedigrees on 30 ancestor blank at $1.50 and on 62 ancestor blank at $2.50. On reverse of pedigree side are breeding and production records.

DUPLICATOR PEDIGREES

2 Color, Fully Extended, Large Blanks,

10 copies showing 14 ancestors, size 8½ by 11 $1.00
10 copies showing 14 ancestors, size 13 inches square 1.50
10 copies showing 30 ancestors, size 13 by 17 2.75
10 copies showing 62 ancestors, size 13 by 17 3.75

Our duplicator pedigrees are very legible, neat and fully extended Postage prepaid. Orders and inquiries handled ***promptly.***

PRINTED PEDIGREES

Get our prices and samples on 100 or several hundred of your bull in one or two colors showing 14 to 62 or more ancestors, leaving lower half of sheet ruled for filling in dam's pedigree.

SALE CATALOGUES

We shall be glad to send sample catalogues and quote prices for your Guernsey Sales to be held this Spring. We have very attractive prices which represent strictly up-to-date work and first class printing. Entry blanks for catalogue work furnished free of charge.

Our business was established in 1915. We have consistently made every effort possible since that date to give Guernsey breeders the accurate, complete and fully extended pedigrees on private order and catalogues which they demand at reasonable prices. As evidence of our success, better than 90% of our orders are from breeders who have placed previous orders. If you want your order filled satisfactorily and promptly, write direct to

Ithaca Sales and Pedigree Co.

513 N. Tioga Street Ithaca, N. Y.

In ordering pedigrees, if the herd book number for males is higher than 186702 or for females higher than 324413, please furnish us with the name and herd book number of the sire and dam.

GREENWAY FARM

WARE - MASSACHUSETTS

ACCREDITED - BLOOD TESTED

Offers For Sale

Searchlight of Ware 194033

Born November 10, 1929

Sire: GOLDEN BELLE'S ROYAL 84292, A. R.
9 A. R. daughters average 11551.1 lbs. milk and 552.7 lbs. fat, 6 in G, 2 in D, 1 in A.

Dam: STARLIGHT OF WARE 159669, A. R.
13731.7 lbs. milk, 705.5 lbs. fat, Class A
Dam of Royal Starshoot of Ware 300608, A. R.
11715.7 lbs. milk, 559.9 lbs. fat, Class G
Stardust of Ware 274030
In 294 days has 11635.4 lbs. milk and 547.9 lbs. fat in Class B.

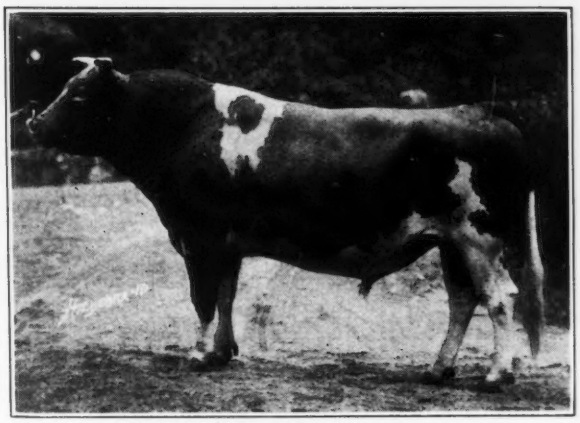
"Searchlight" is a very attractive bull and is siring exceptionally nice calves. He is priced very reasonably.

Mass. Certified S. C. R. I. Red Chicks, Eggs and Breeding Stock

George H. Timmins — *Owner*
L. B. Wilson — *Superintendent*

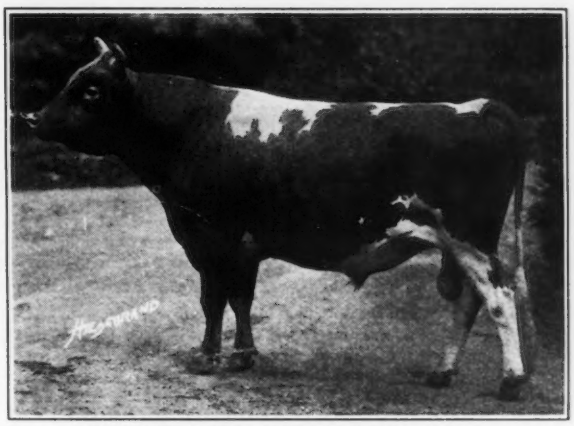
GREAT HILL FARM GUERNSEYS

Senior Herd Sire



LANGWATER PRIOR 115854, A. R.
Sire: Langwater Steadfast 31672, A. R.
Dam: Primrose of Langwater 104538, A. R.
15413.2 lbs. milk, 689.7 lbs. fat, Class A

Junior Herd Sire



LANGWATER KITTANSET 146814
Sire: Langwater Horatius 63071, A. R.
Dam: Langwater Clara 127874, A. R.
12473.4 lbs. milk, 702.7 lbs. fat, Class A

Federal Accredited

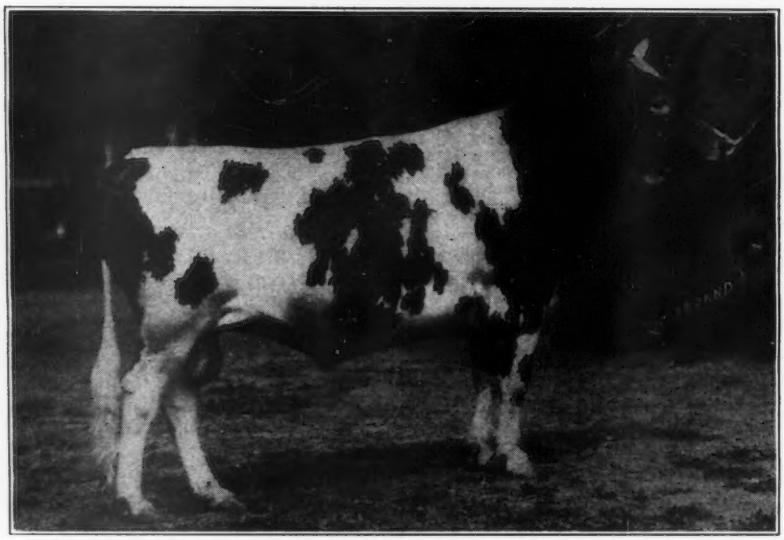
Marion - Massachusetts

Mrs. Carrie M. Stone, ***Owner***

Arthur E. Griffin, ***Manager***

The Development of Our Junior Sire

As He is Today



Aiyukpa King's Searchlight 150883

Sired by Aiyukpa King 122782 and out of White's Treva Girl 138210 that was 10th Cow in Class GG with 12928.6 lbs. milk and 689.4 lbs. fat.

As he looked when purchased Nov. 10, 1928

After he started to develop

Aiyukpa King's Searchlight 150883 is siring some very good looking calves.

WINDING CREEK FARM

BLUE ASH. OHIO

JULIUS FLEISCHMANN, OWNER **J. A. WAHLKE, MANAGER**

Personal Conducted Tour

To Guernsey Herds Offered For Sale

At Averill Park a herd of sixteen head, fifteen cows and one bull, accredited and negative to the blood test, all animals sound and right. The herd is offered for $2,000 or the very low average of $125 a head. Shop around and try and beat this bargain if you can. Just across the state line over in Massachusetts a herd of a dozen beautifully bred heifers, many in milk, for an average of $175 a head. Near Valley Falls, New York, a small but select herd of grade Guernseys from three to six years for an average of $75.

DUNN'S TOUR - Schoharie, N. Y.

Position Wanted

Experienced man with Guernsey cattle wants position on show circuit or will take a position on farm or estate.

BOX M. E.
Guernsey Breeders' Journal

Announcement Unusual . . . . .

I am attending the Royal Show in England, also spending several days in Guernsey about July second to fourth. Already commissioned by several American breeders to photograph animals related to their imported Guernseys. Others desiring to take advantage of this opportunity to secure similar photographs should advise me immediately.

H. A. Strohmeyer, Jr.
215 Fourth Avenue
New York, N. Y.

Renew Your Subscription

Taking advantage of the Special Rates

2 years : : $2.50
5 years : : 5.00

Canadian and Outside Rates

2 years : : $3.70
5 years : : 8.00

Guernsey Breeders' Journal

MEREDITH FARM

- Topsfield, Massachusetts -

Offers - - -

Three Young Bulls

AGES:
1 Year - 7 Months - 6 Months

DAMS:
Three Of Our Best Cows

A. R. RECORDS:
809 Lbs. Fat, B
649 Lbs. Fat, G
550 Lbs. Fat, G

SIRES:
Florham Premier 109643
Birchfield Laddie 150813

Nice Individuals

Prices, $250 - $150 - $125

Also A Few Females

ACCREDITED
E. Wigglesworth
Owner

NEGATIVE
H. M. Clark
Manager

Sheldegren Farm

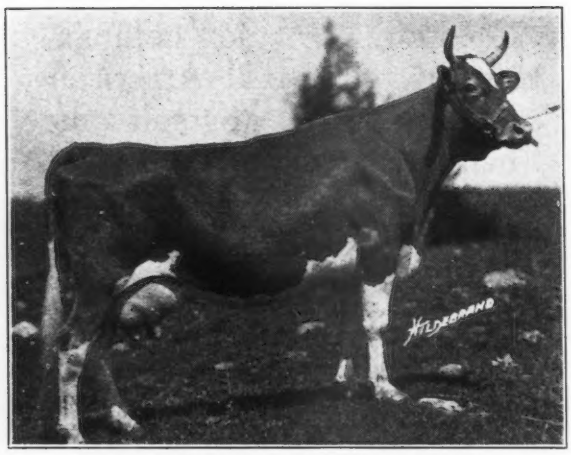
to be held at the Farm,

June 24,

40 Head of Select

21 Milking

This choice selection comes from one of New England's finest herds. Not a cull in the whole lot, the owner sent the poor ones to the butcher.

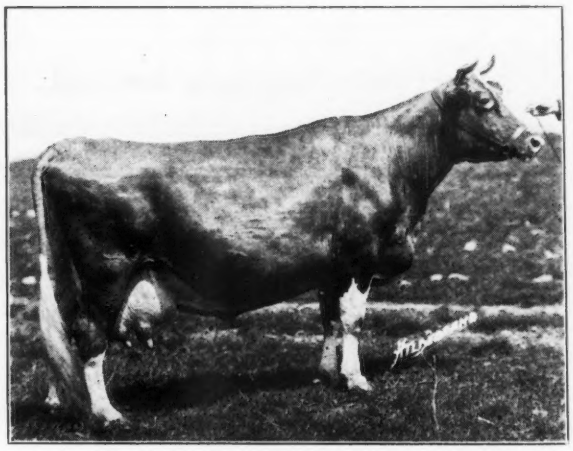


SHELDEGREN LENORE 174609
Born: June 16, 1924

Sire: SHELDEGREN EARL 75713

Dam: LENORE OF SOUTH STREET 95745

One of the typical high class cows offered in the sale. She is the dam of Sheldegren Ester 218664, First Prize two year old, Calf Club Award, at the Eastern States, 1929. She has a C. T. A. record of 7690 lbs. milk and 345.9 lbs. fat.



DUCHESS OF SUNSET HILL 172928
Born August 8, 1924

Sire: MIXTER FRED 83654

Dam: MYRTLE STEWARD OF EDGEMONT 41169

Now on A. R. test and in 127 days has made 5738.9 lbs. milk and 296.8 lbs. fat. One of the great matrons of the herd. Second Prize two year old, Junior Dairy Exhibit, at the Eastern States, 1927.

GOLDEN PRINCESS OF SUNSET HILL 229667
Born April 7, 1927

Sire: WINONA'S GOLDEN SHEIK OF LONGMEADOW 109810

Dam: PRINCESS FOAM OF PINE GROVE 210907

This cow has a C. T. A. record of 8928 lbs. milk and 446.4 lbs. fat. She has just entered the A. R. Class and is making a very creditable record.

Many of the cows will be fresh just before and after the sale. Every milking cow in the herd has a C. T. A. or an Advanced Register Record. No guess about the production of this herd.

Accredited and Blood Tested

Catalogs ready for distribution June 12
Send for one now

Watch for the next issue of the Journal

Guernsey Sale

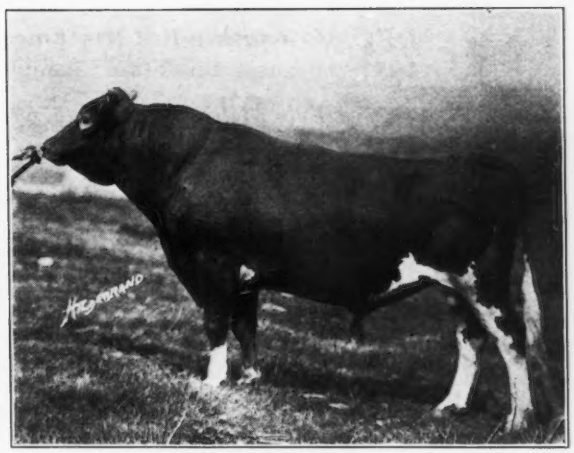
GREENFIELD, MASS.

1932

Guernseys 40

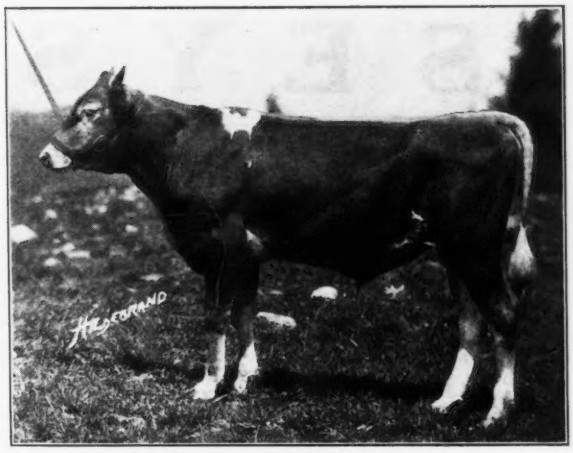
Cows 21

These photographs are taken of the animals in their working clothes and are not touched up. Every animal is even better than the pictures show them to be.



LYNBROOK POLITICIAN 160846
Born: September 8, 1928
Sire: CHERUB'S MONARCH OF SHOREWOOD 117203
Dam: POLLIE OF MILLER HILL 103444

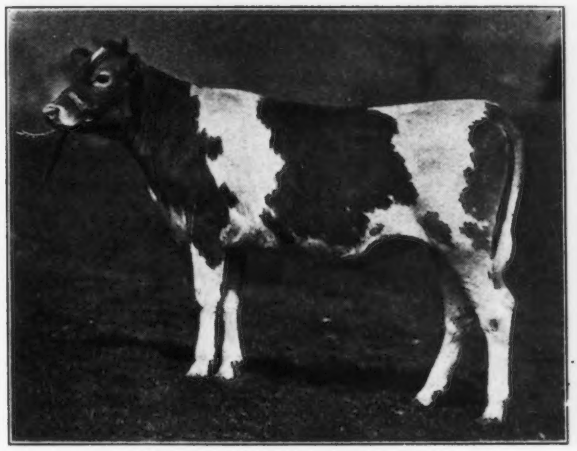
A bull that will shortly be a very desirable proved sire. He is the Junior Herd Sire at Sheldegren. He was the Fourth Bull at the Eastern States, 1931, as a two year old. He has offspring in the sale of splendid type and many of the animals have been bred to him. A royally bred bull of Cherub breeding that is worth your thoughtful consideration.



SHELDEGREN GOLIATH 196219
Born: June 26, 1931
Sire: MIXTER FRED 83654
Dam: HOPE'S FAITH OF GRASSY SPUR 24726

One of the typical young bulls in the sale with excellent backing. A bull that will add production and improve the type in your herd.

This sale is a quality offering through and through and presents the opportunity of purchasing seed stock that will help you to beat the "Depression."



SHELDEGREN BLONDIE 348461
Born: May 30, 1931
Sire: SHELDGREN BOBBY 170075
Dam: SHELDEGREN LA BLOND 272295

One of the average good young heifers in the Sale. A fine individual of our own breeding and an animal you would like to own because they improve with age.

THE WETMORE SALES CO.
Guernsey Specialists
WINSTED, CONNECTICUT

FRIENDSHIP

HIGH MILK

COLOR

Accredited T. B. since 1919 — *Accredited C. A. since 1925*

3 MONTHS — 3 CLASS LEADERS

NOV. 1931 — *Friendship K. Belle 245480, 2nd Class EEE*
Pennsylvania State Champion EEE, 13576 lbs. milk, 638 lbs. fat.

DEC. 1931 — *Friendship R. Ultra Emerande 276079, 4th Class GGG*
Pennsylvania State Champion GGG, 12031 lbs. milk, 527 lbs. fat.

JAN. 1932 — *Friendship R. Edith 276080, 9th Class GG*
Pennsylvania State Champion GG, 13672 lbs. milk, 713 lbs. fat.

All the above records were made on the farm.

All the cows were bred on the farm and represent from two to four generations of FRIENDSHIP GUERNSEY breeding.

HIGH MILK COLOR COWS PRODUCE.

FRIENDSHIP BULLS TRANSMIT PRODUCTION, COLOR, TYPE

A. A. Thompson - Oak Hill Estate - Uniontown, Penn.

GUERNSEYS

Our Herd Sire

Saugerties Ultra Monarch 77702, A. R.

Sire of 8 A. R. daughters, one with 772.3 lbs. fat in A, another with 636.8 lbs. fat in E, also sire of 3 A. R. sons.

His sire is Ultra May King 27600, 42 A. R. daughters, 16 of which have made over 600 lbs. fat, also the sire of 18 A. R. sons.

His dam, Princess May Rose 58906, has 1 A. R. daughter and 5 A. R. sons. She has a record of 12270.2 lbs. milk, 688.4 lbs. butter fat in C.

We offer several open and bred Heifers due to natural increase of our Herd.

Federal Accredited Herd No. 181336 — *Blood Tested*

MAPLE LANE FARM

A. H. CHAMBERS, *Owner* — Kingston, New York

Visitors Always Welcome

Guernsey Pedigree Service

TYPEWRITTEN PEDIGREES

We supply two-color, typewritten pedigrees with show winnings, Advanced Register data and outstanding sale prices as follows:

Size	*Price Each*
8½ x 17 inches, 14 ancestors	$1.00
11 x 17 inches, 30 ancestors	1.50
13 x 17 inches, 62 ancestors, with list of progeny, for post binders	2.50
4¼ x 7¼ inches, 30 ancestors, with a second leaf giving list of progeny, for pocket herd books (handwritten)	1.50
8½ x 11 inches, 14 ancestors, with list of progeny, for ring binders	1.00
Extra charge, if sketch is desired on any of the above pedigrees	.50

DUPLICATOR PEDIGREES (two-color)

Size	*Price for ten*
8½ x 17 inches, 14 ancestors	$1.50
11 x 17 inches, 30 ancestors	2.50

Note: In compiling duplicator pedigrees it is necessary to prepare a master copy. When ordering duplicator pedigrees, therefore, include the regular price for one pedigree, as given above, plus the charge for ten duplicates. The master copy and the ten duplicates will be furnished.

THE AMERICAN GUERNSEY CATTLE CLUB

Peterboro, New Hampshire

Advertisers' Index

A

Aid Chemical Co. A–1
Alta Vista Farm A–4
Am. Guernsey Cattle Club 570, A–14

B

Box 3 A–3
Box 6 A–2
Box M. E. A–11
Brant Rancho II. Cover
Breeders' Bookshelf A–3
Breeders' List A–1
Brooklandwood Farms IV. Cover
Brookmead Farm A–16
Burlingame, King & Dunk, Inc. A–2

C

Corium Farm III. Cover
Coventry Farm A–5
Crawford Press A–3

D

Dana Co., C. H. A–3
Dunn, W. S. A–11

F

Florham Farm 572
Firestone Farms' Sale A–8

G

Great Hill Farm A–9
Greenway Farm A–9
Greycourt Farm 574
Greyholme Farm A–7
Guernsey Breeders' Journal A–6, 11

H

Hildebrand, Robert F. A–3
Hollow Hill Farm A–5

I

Ithaca Sales & Pedigree Co. A–9

L

Langwater Farm 569

M

Maherwood Guernsey Farms A–5
Maple Lane Farm A–14
Meredith Farm A–11
Mill Road Farm A–5
Morford, L. R. A–1
Moyer, Inc., H. A. A–3

O

Oak Hill Estate A–14
One Hundred Per Cent Club A–2

P

Pelouze Mfg. Co. A–1

R

Rockingham Farm 574
Roughwood Farm A–7

S

Sheldegren Farm Sale A–12, 13
Spring Farm A–15
Strohmeyer, Jr., H. A. A–2, 11
Suite 1606 A–3

T

Transcript Printing Co. A–3

W

Wetmore Sales Co. A–12, 13
Winding Creek Farm A–10
Wisconsin Live Stock Advertising Co. A–1

SPRING FARM

Tilly Foster, New York

Our Youngest Herd Sire is

Imp. Cherry's Victor 172551

SIRE: Victor of Myrtle Place 5498 P. S.

DAM: Imp. Imperial Cherry 291721, A. R. 10493.0 lbs. milk, 581.1 lbs. fat in 345 days, Class E. (Island Record.)

His calves are beginning to come, and look good. We keep bull calves from only our best cows. Herd is Accredited and Blood Tested.

Elizabeth Douglas
Owner

For particulars apply to
Thomas Johnson, Tilly Foster, N. Y.

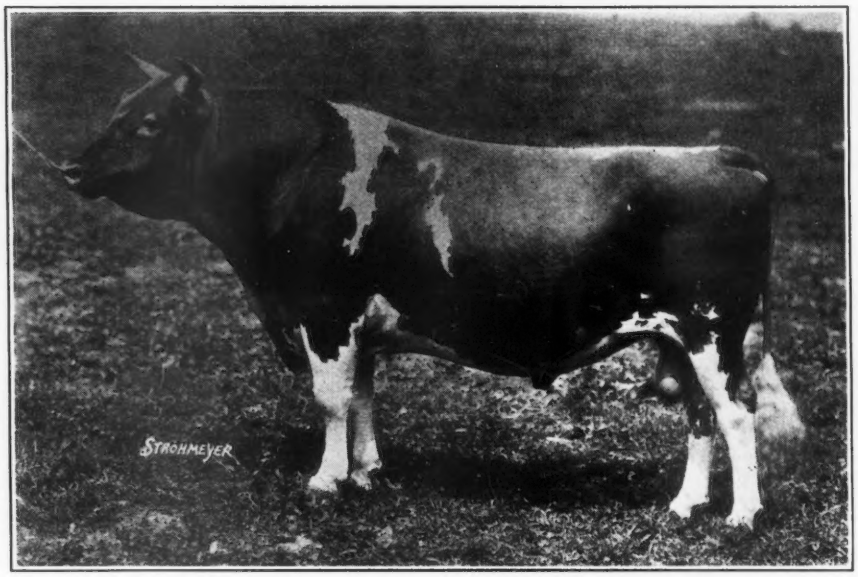
"STARS and STRIPES"

"ROYAL MASTER"

INTRODUCING

Brookmead's Herald 152117

ONE OF OUR OUTSTANDING HERD SIRES



Whose first daughter on test - ***Brookmead's Galore 283843***- made - Milk 10346.5 - Fat 533.66 - Class G - Unofficial.

His Sire:-

Langwater Master Fred 51494, A. R.
sired
Brookmead's Veronica 117142
Former Class AA Leader
Milk 14502.5, Fat 864.6

His Dam:-

Hildie of Brookmead 2d 69743, A. R.
Milk 9674.2, Fat 524.3, Class A
Full sister to former World's Champion, Brookmead's Dorothy 55715

Langwater Warrior 26509, A. R.
Sire of 35 A. R. daughters including Langwater Heritage 77997, Milk 18596.3, Fat 876.9, Class A

Langwater Mary 38604, A. R.
Milk 12681.8, Fat 668.0, Class A

Langwater Stars and Stripes 21872, A. R.
Sired Brookmead's Dorothy 55715. Former World's Champion, Milk 14179.4, Fat 742.1, Class G

Hildie of Brookmead 42617, A. R.
Milk 12599.2, Fat 632.5, Class E. Dam of Brookmead's May Rose 49803, Milk 13332.2, Fat 740.3, Class A

WRITE FOR SALES LIST

Federal Accredited Herd No. 47239 ***Abortion Free Herd No. 258***

BROOKMEAD FARM

Frank Graham Thomson, Owner

Farm:
DEVON, PA.

Office:
526 LAND TITLE BLDG.
PHILADELPHIA, PA.

Please address all correspondence to Philadelphia office.

"STARS and STRIPES 2d"

"MASTER FRED"

As Time Goes On

we Appreciate the Get of

Imp. Primrose's Butterfat 104967

More and More

Here are the last six records of six of his daughters completed at Hilltop

	Lbs. Milk	Lbs. Fat	Class
BUTTERFAT FASHION GIRL 265848	11719.9	674.2	F
HILLTOP BUTTERFAT MAID 265849	11848.1	614.1	FFF (World record)
HILLTOP BUTTERFAT'S FREESIA 216039 (Twice a day milking)	12452.6	713.4	C
HILLTOP GOLDEN FLORA 268483	11122.2	660.7	G
HILLTOP BUTTERFAT ROSETTE 265850	13325.9	775.0	G
IMP. HILLTOP BUTTERFAT'S CLARA 160768	15963.3	860.1	AAA (World Record)

In this list you will note there are two World Records and only one Mature Record. Three of these records were made on twice a day milking.

Federal Accredited *Blood Tested*

HILLTOP FARM

Trade Mark Registered U. S. Patent Office

SUFFIELD CONNECTICUT

Geo. M. Hendee, *Prop.* F. H. Smith, *Manager*

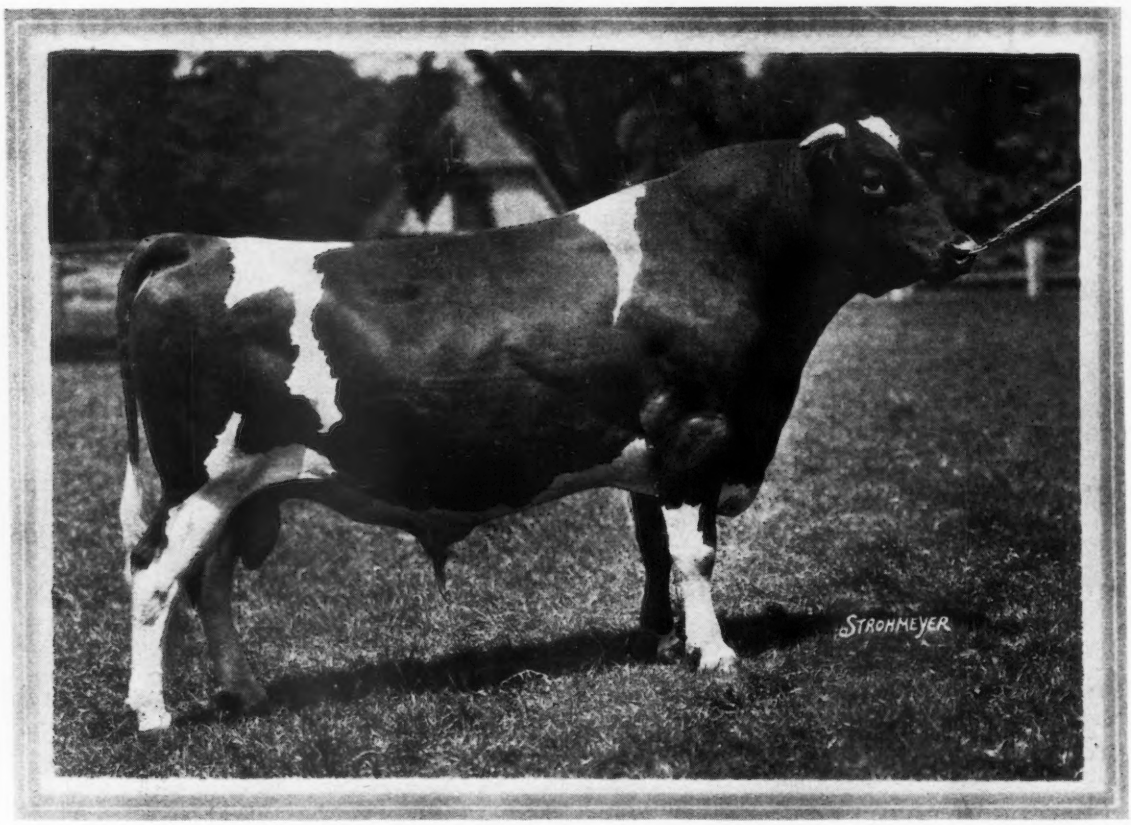
"OSCEOLA FARMS"

TUBERCULOSIS FREE
CERTIFICATE 149223

Imported Guernseys

ABORTION FREE
CERTIFICATE 14

Just a collection of the best cattle bred on the Island of Guernsey



IMP. FINANCIER OF MYRTLE PLACE 166260
One of the greatest proved sires we have ever imported, recently sold to Douglaston Manor Farm, Pulaski, New York

If you study records, show ring winnings and pedigrees you will realize that a very high percentage of The Island's most noted cattle reach American and Canadian breeders via Osceola Farms.

Our present herd, recently augmented by the spring importation, affords a rare opportunity to make a choice selection.

We invite you to inspect this offering and have every confidence in your being enthusiastic over it.

GORDON HALL

Osceola Farms, Cranford, New Jersey